

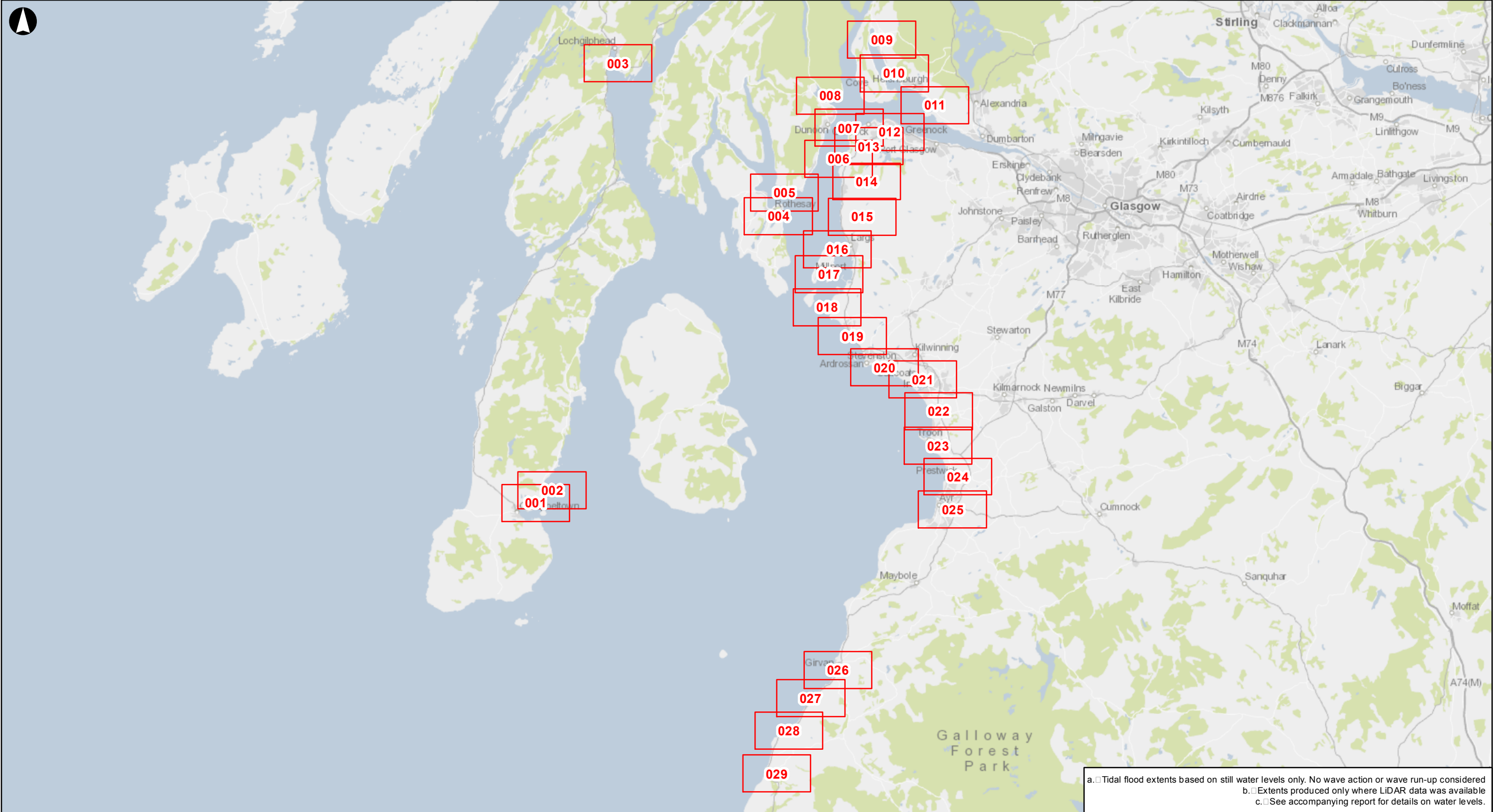
Impacts of sea-level rise and storm surges due to climate change in the Firth of Clyde

Annex 7: mapped outputs



ANNEX 7: MAPPED OUTPUTS

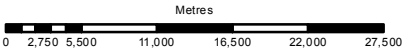
OVERVIEW PLANS



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Key Plan



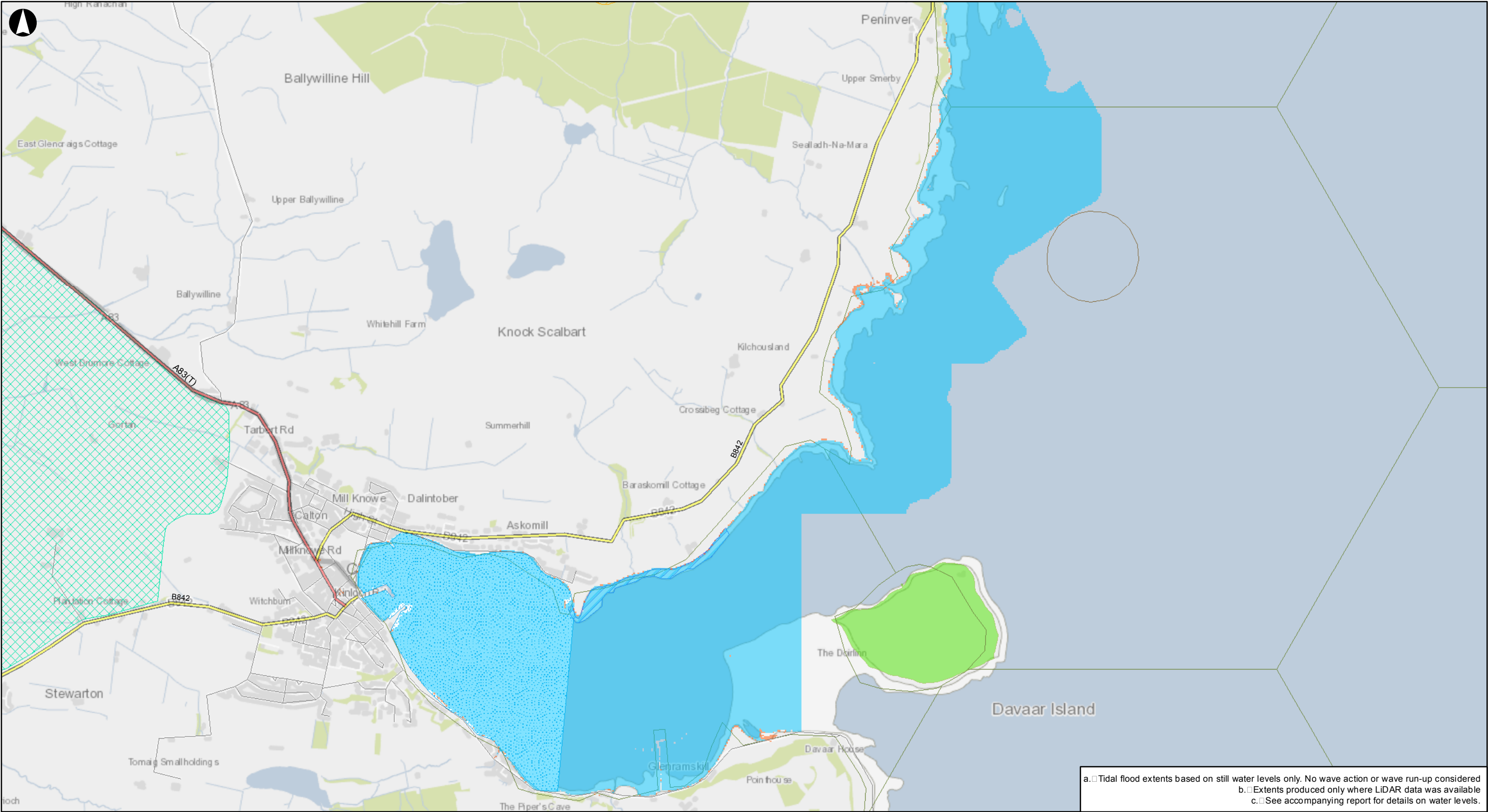
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Estimated 1 in 1 year tidal flood
extents
Overview
Key Plan**

Scale at A3
1:550,000

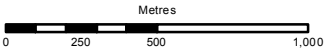
Job No 232094-00	Drawing Status Final
Drawing No Keyplan	Issue P0



a. □ Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. □ Extents produced only where LiDAR data was available
c. □ See accompanying report for details on water levels.

Legend

- A Roads
 - B Roads
 - Minor Roads
 - Spoil Dump Sites
 - Special Protection Areas (SPA)
 - Shoreline Waters
 - Scotland Important Bird Areas
 - Recreational Waters
 - Hotspots of Species Richness
 - Environmentally Sensitive Areas
- Tidal Flood Extents**
- 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 1A
Estimated 1 in 1 year tidal flood
extents
Plan 1 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

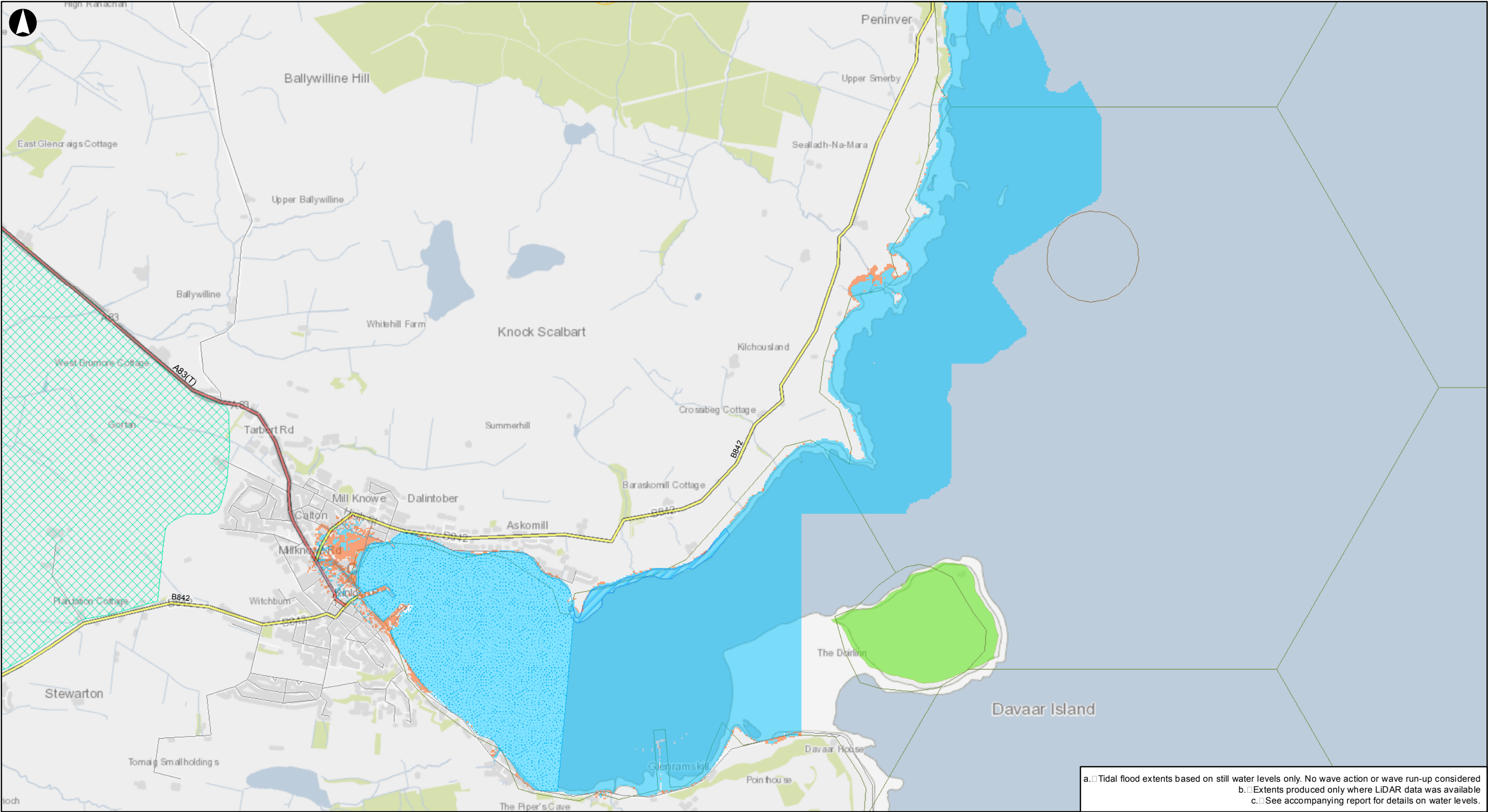
Final

Drawing No

001A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads

B Roads

Minor Roads

Spoil Dump Sites

Special Protection Areas (SPA)

Shoreline Waters

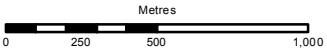
Scotland Important Bird Areas

Recreational Waters
- Hotspots of Species Richness

Environmentally Sensitive Areas
- Tidal Flood Extents

1 in 200 year tidal flood extent - Baseline 2008

1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 1B
Estimated 1 in 200 year tidal flood
extents
Plan 1 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

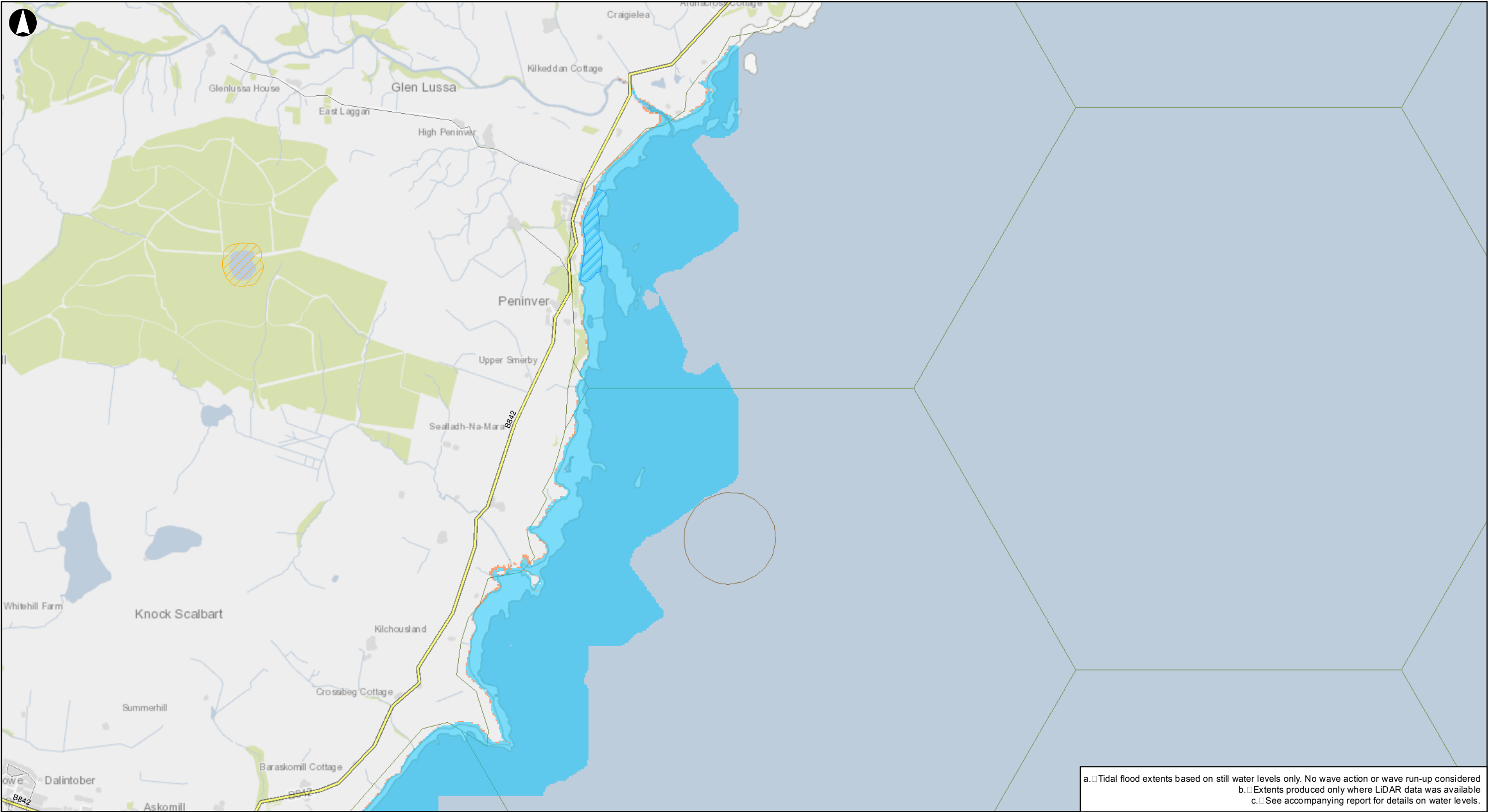
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Drawing No

001B

Issue

P0



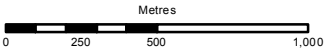
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- B Roads
- Minor Roads
- Spoil Dump Sites
- Special Protection Areas (SPA)
- Shoreline Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 2A
Estimated 1 in 1 year tidal flood
extents
Plan 2 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

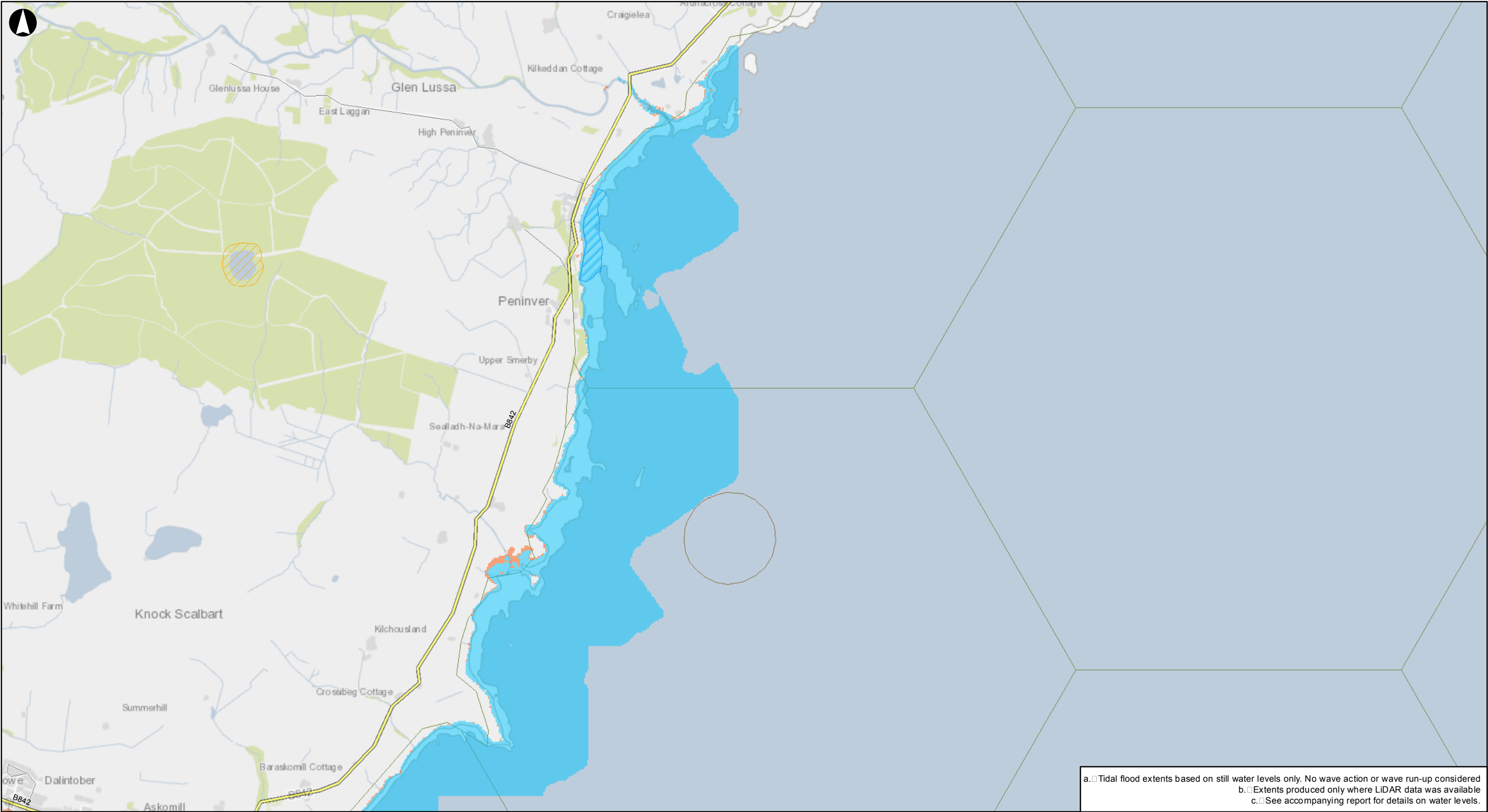
Final

Drawing No

002A

Issue

P0



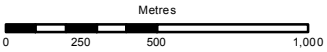
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
 b. Extents produced only where LiDAR data was available
 c. See accompanying report for details on water levels.

Legend

- B Roads
- Minor Roads
- Spoil Dump Sites
- Special Protection Areas (SPA)
- Shoreline Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 2B
Estimated 1 in 200 year tidal flood
extents
Plan 2 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

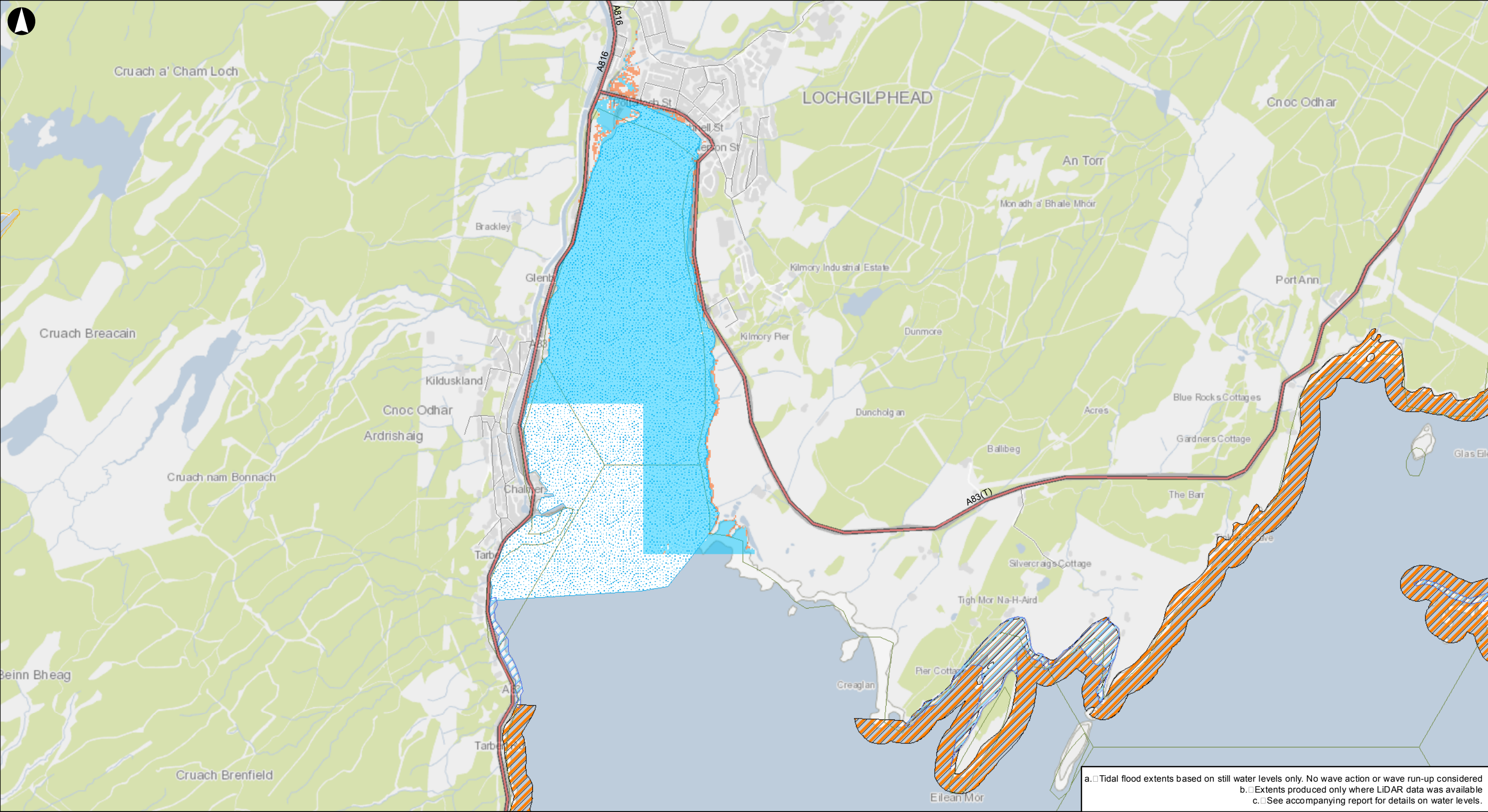
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Drawing No

002B

Issue

P0

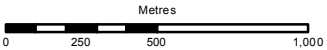


a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- Minor Roads
- Special Protection Areas (SPA)
- Shoreline Waters
- Shellfish Growing Waters
- Recreational Waters
- Hotspots of Species Richness

- Tidal Flood Extents**
- 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 3A
Estimated 1 in 1 year tidal flood
extents
Plan 3 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

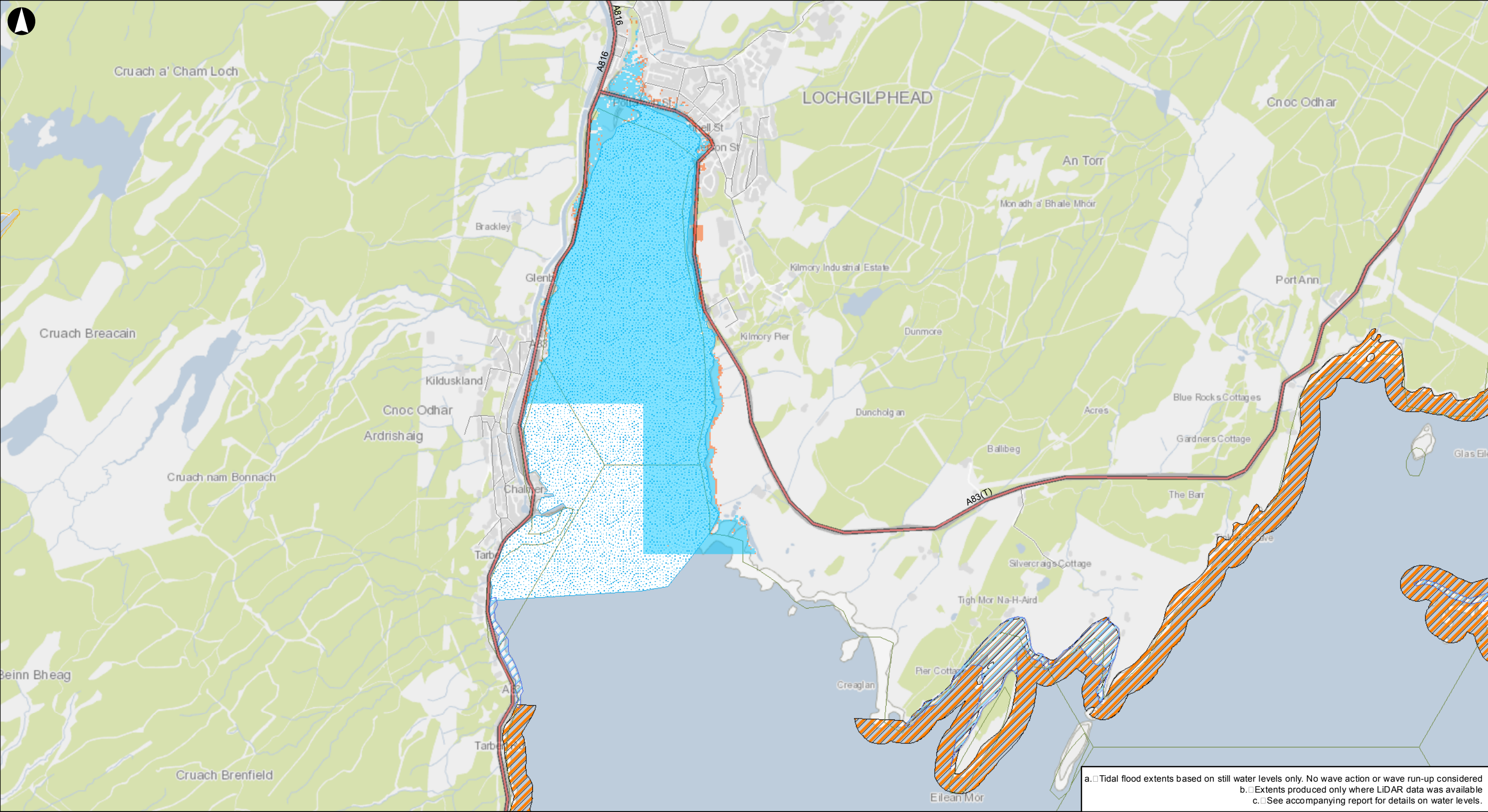
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Drawing No

003A

Issue

P0

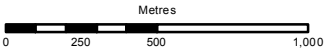


a. □ Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. □ Extents produced only where LiDAR data was available
c. □ See accompanying report for details on water levels.

Legend

- A Roads
- Minor Roads
- Special Protection Areas (SPA)
- Shoreline Waters
- Shellfish Growing Waters
- Recreational Waters
- Hotspots of Species Richness

- Tidal Flood Extents**
- 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080



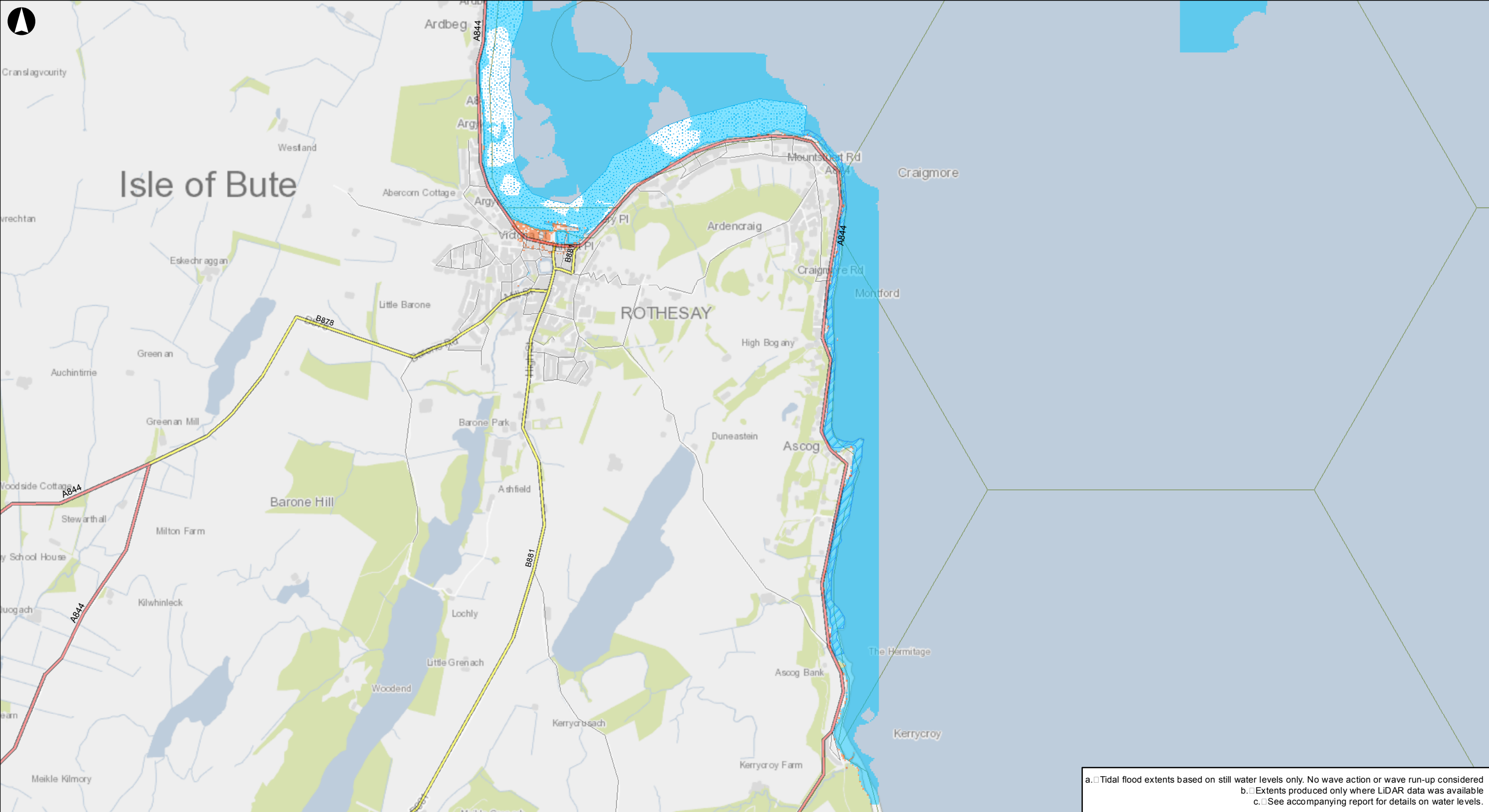
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 3B
Estimated 1 in 200 year tidal flood
extents
Plan 3 of 29**

Scale at A3
1:25,000

Job No 232094-00	Drawing Status Final
Drawing No 003B	Issue P0



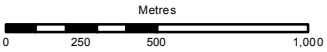
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Spoil Dump Sites
- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 4A
Estimated 1 in 1 year tidal flood
extents
Plan 4 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

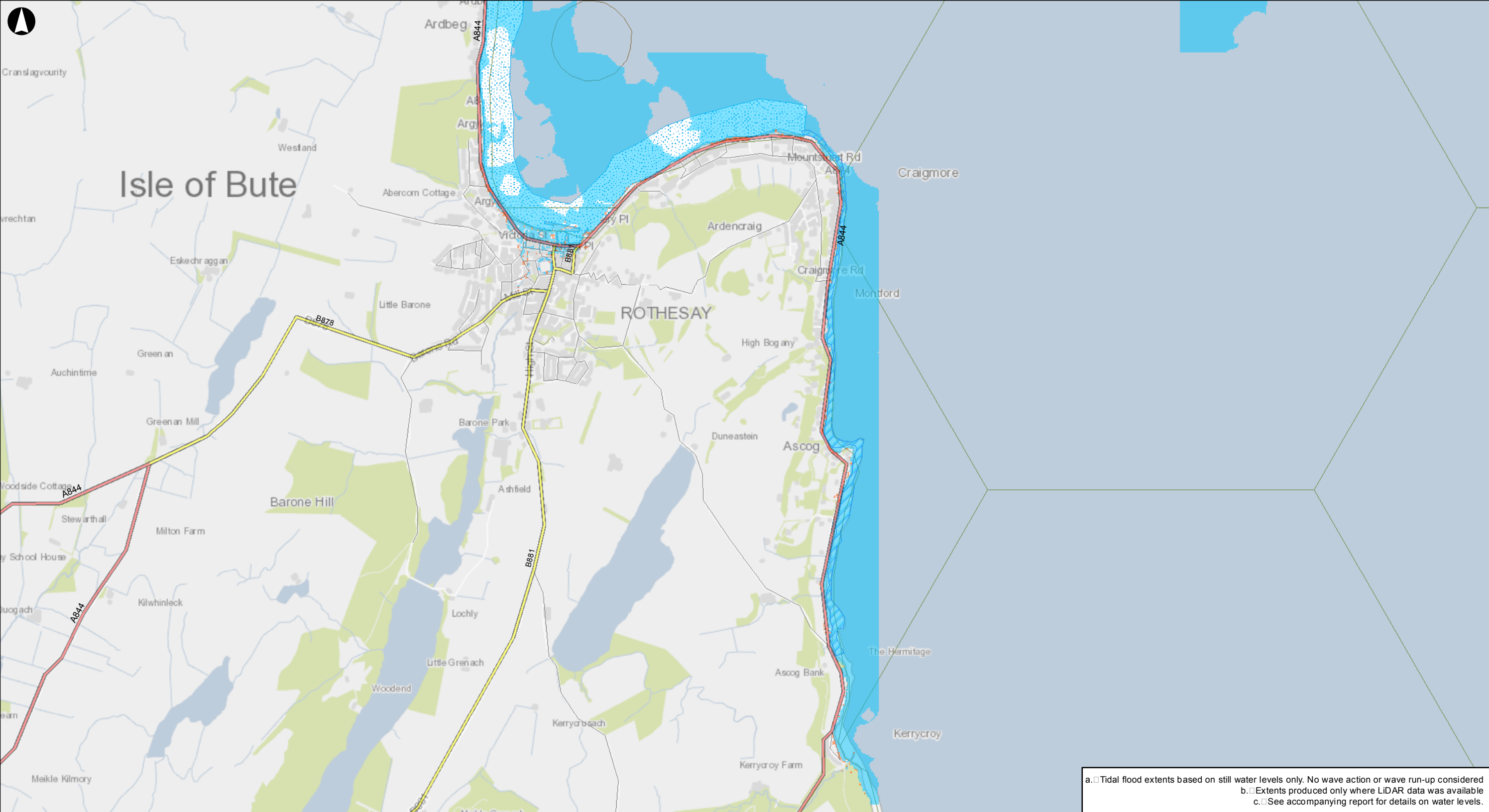
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Drawing No

004A

Issue

P0



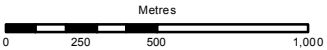
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Spoil Dump Sites
- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 4B
Estimated 1 in 200 year tidal flood
extents
Plan 4 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

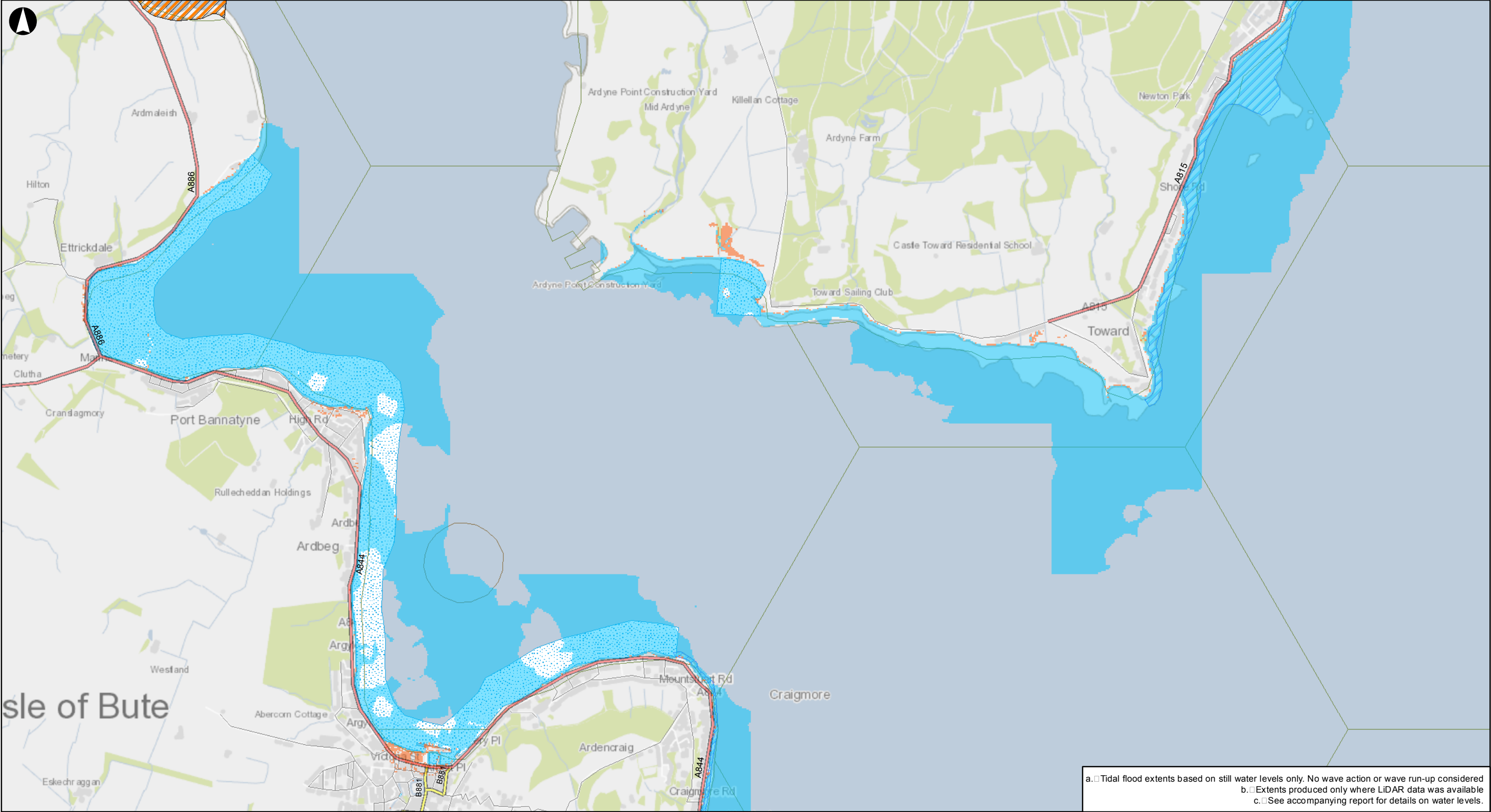
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Drawing No

004B

Issue

P0



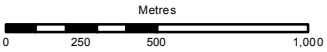
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Spoil Dump Sites
- Shoreline Waters
- Shellfish Growing Waters
- Recreational Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 5A
Estimated 1 in 1 year tidal flood
extents
Plan 5 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

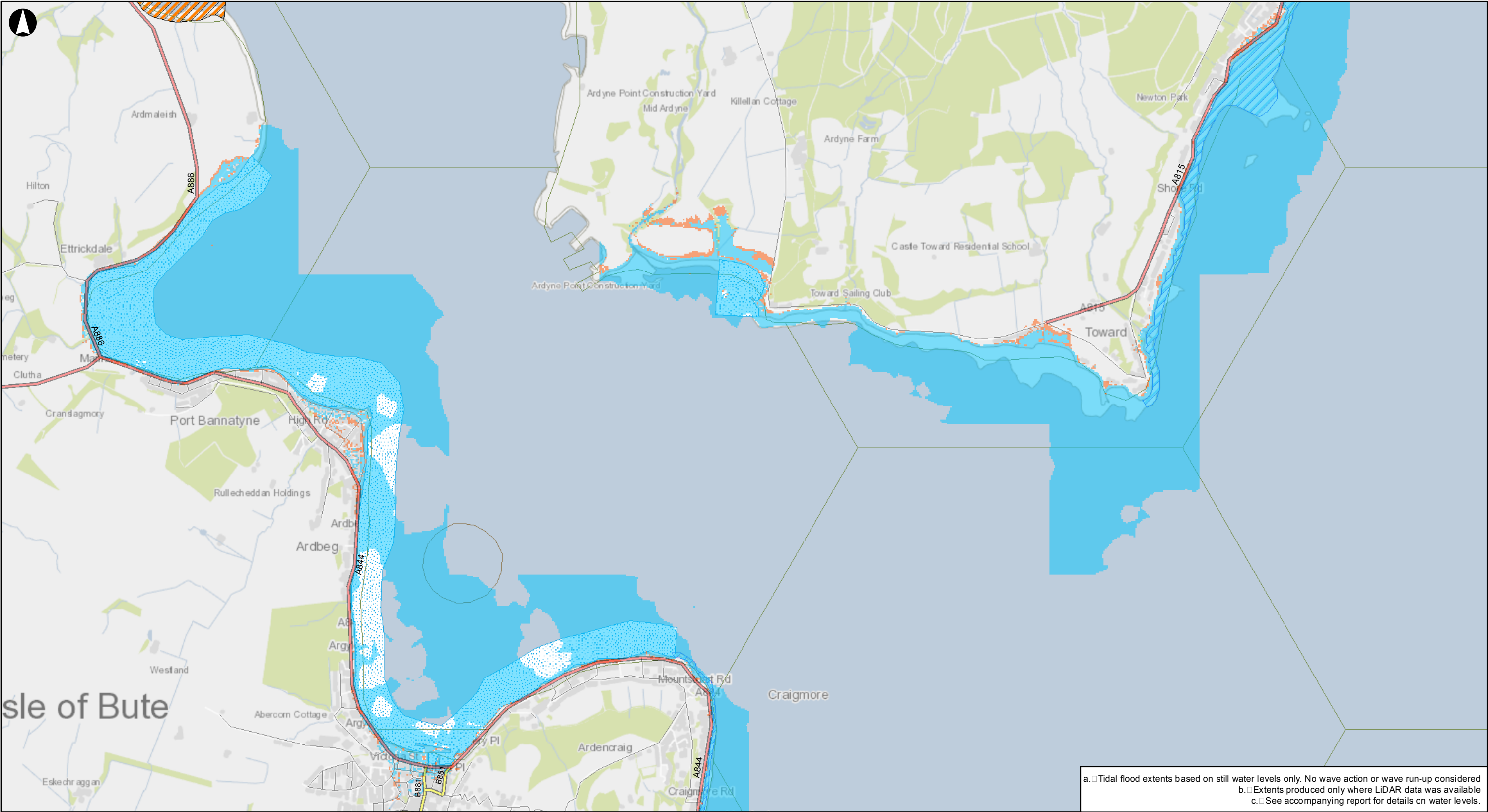
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Drawing No

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Issue

P0



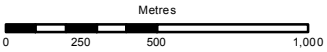
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Spoil Dump Sites
- Shoreline Waters
- Shellfish Growing Waters
- Recreational Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 5B
Estimated 1 in 200 year tidal flood
extents
Plan 5 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

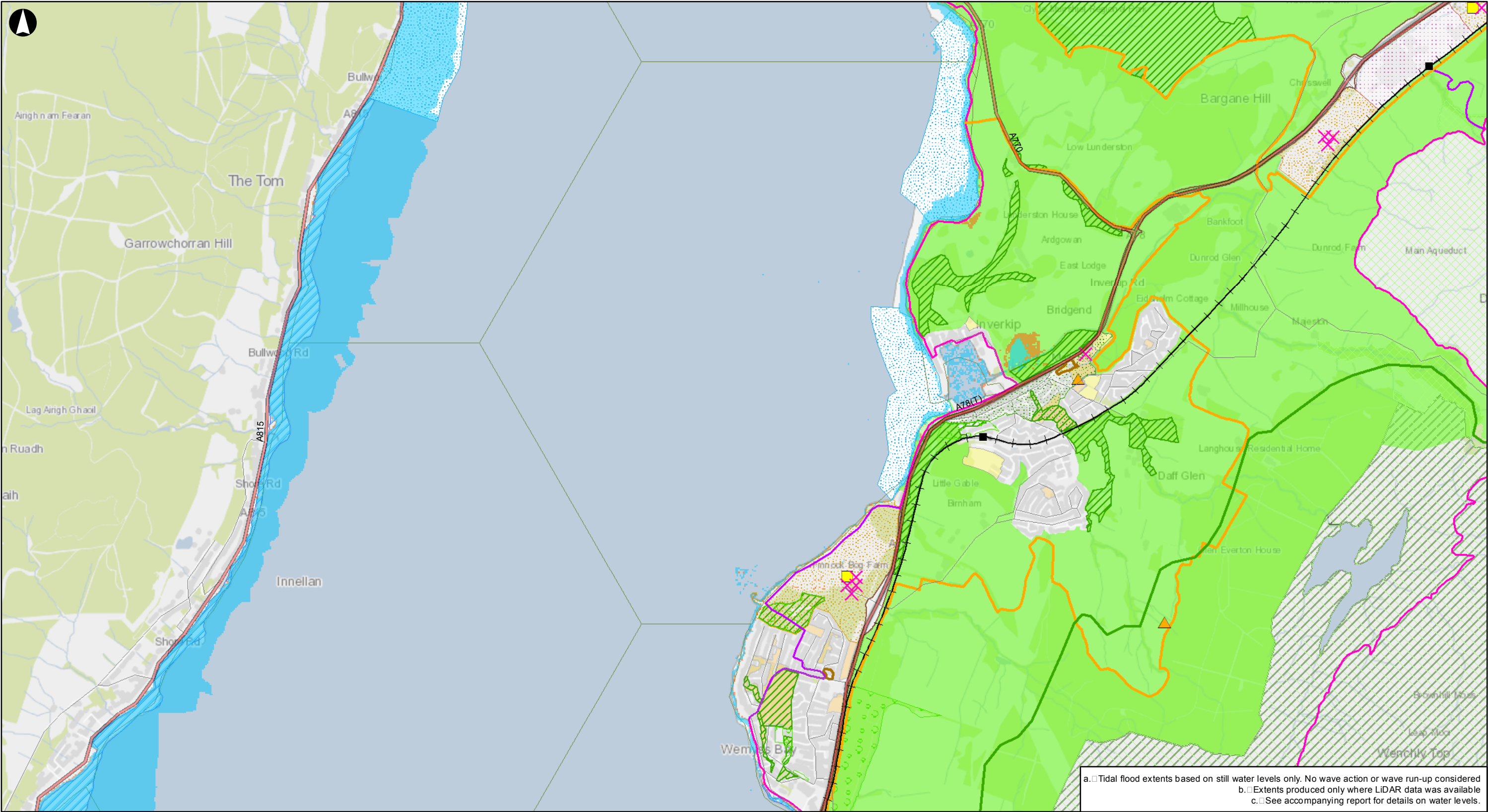
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Drawing No

005B

Issue

P0



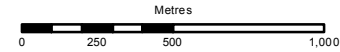
Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- +— Railway
- ▨ Shoreline Waters
- ▤ Recreational Waters
- Hotspots of Species Richness

Local Development Plans (LDP)

- ✕ Development Opportunities
- Indicative Housing Sites



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 6A
Estimated 1 in 1 year tidal flood
extents
Plan 6 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

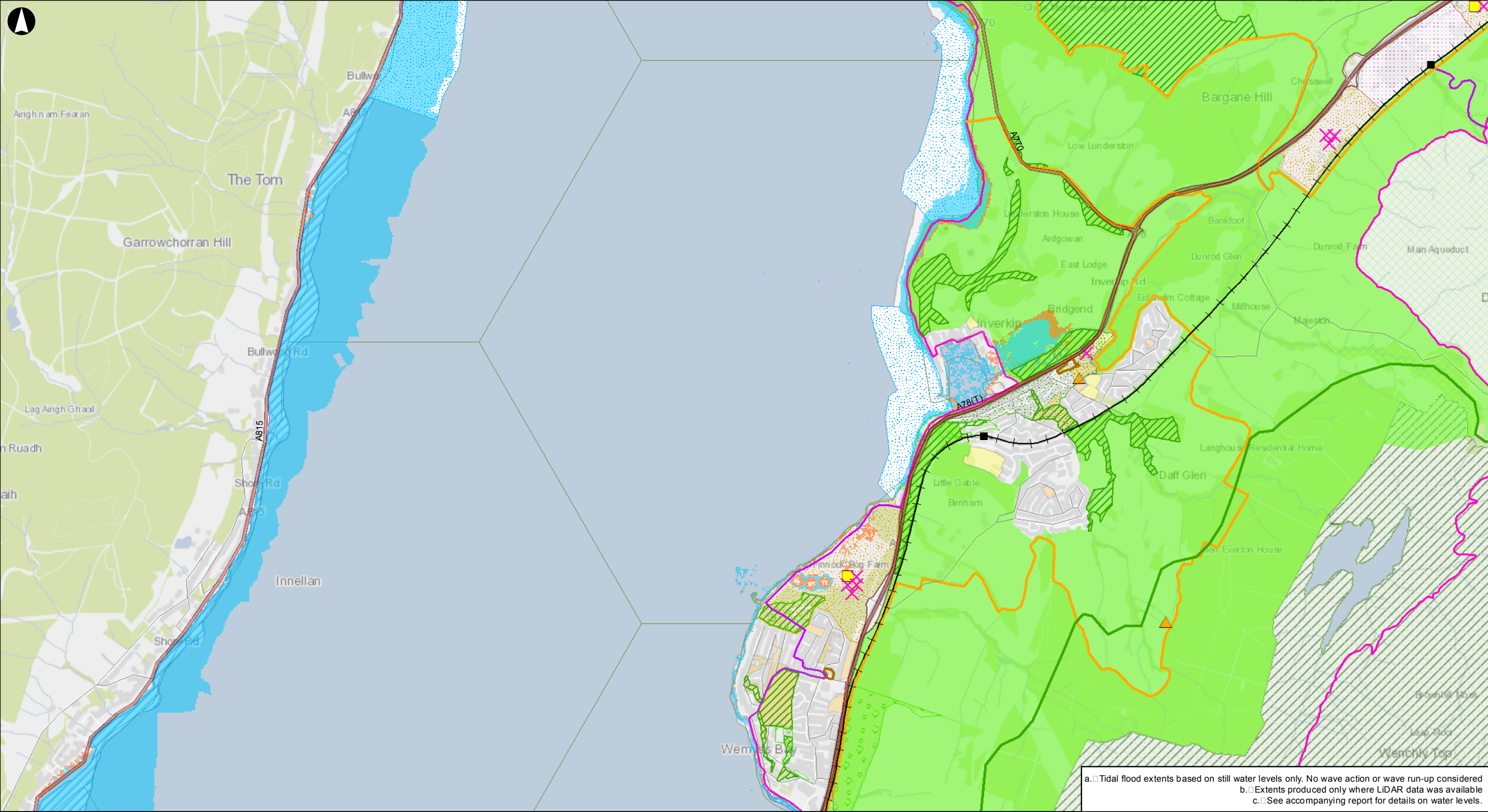
Final

Drawing No

006A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
 b. Extents produced only where LiDAR data was available
 c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

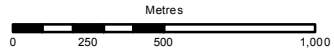
- Train Stations
- A Roads
- Minor Roads
- Railway
- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- West Renfrew Hills Scenic Area
- Clyde Muirshiel
- Existing Coastal & Other Access Routes

Proposed Coastal & Other Access Routes

- Trunk Road
- Town Centres
- Business & Industry
- Areas of Change
- Tree Preservation Orders



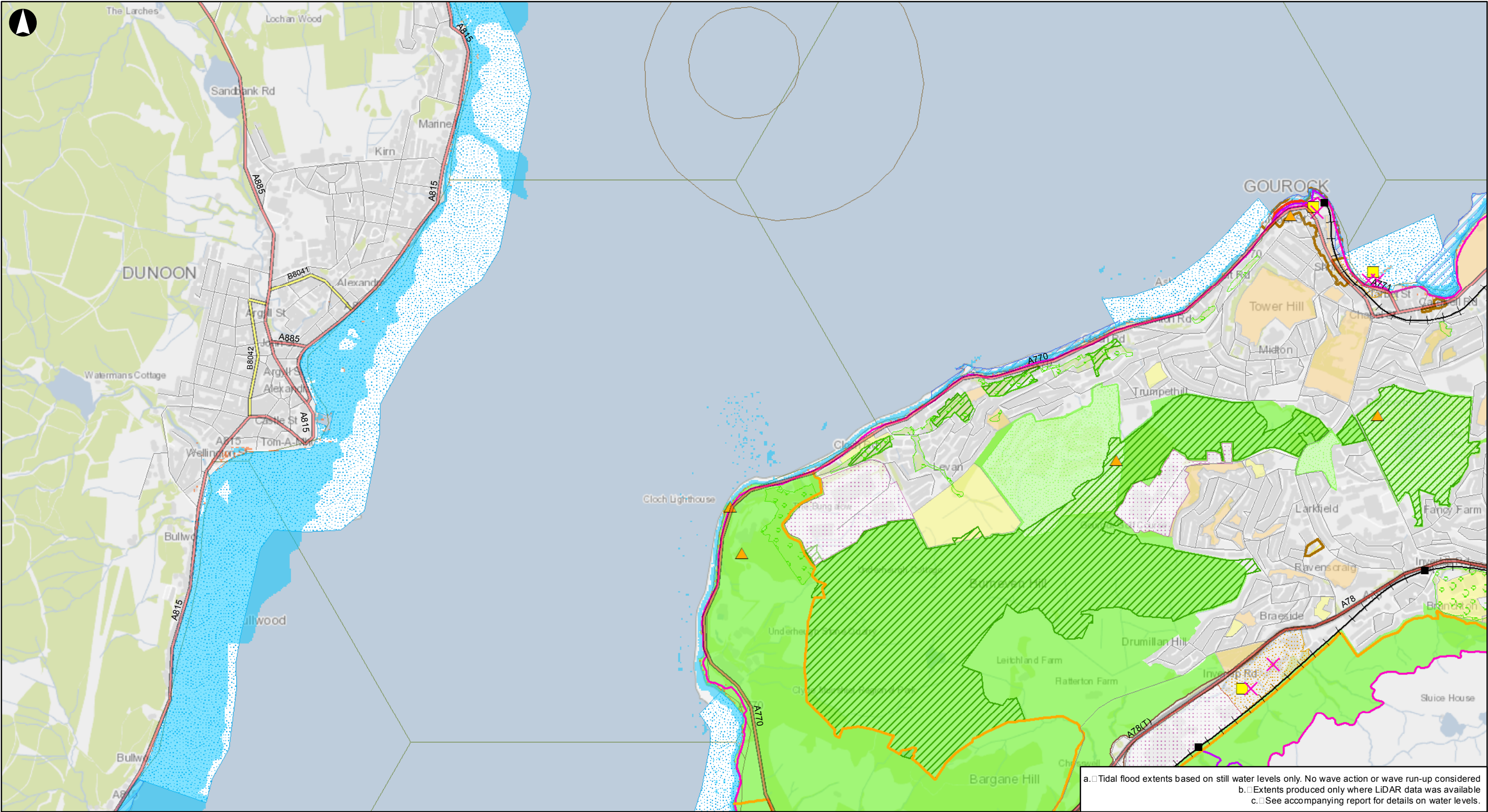
Client
 Scottish Natural Heritage
 Firth of Clyde Forum

Job Title
 Impact of sea level rise and storm surge
 in the Firth of Clyde

Overview Plan 6B
 Estimated 1 in 200 year tidal flood
 extents
 Plan 6 of 29

Scale at A3
 1:25,000

Job No 232094-00	Drawing Status Final
Drawing No 006B	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
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Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Spoil Dump Sites
- Shoreline Waters
- Recreational Waters

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes

New Road Proposals

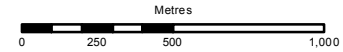
- Trunk Road
- Town Centres
- Business & Industry
- Areas of Change
- Tree Preservation Orders
- Sincs
- SSSIs
- Open Spaces in the Green Belt

Retail Opportunity Sites

- Open Spaces
- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



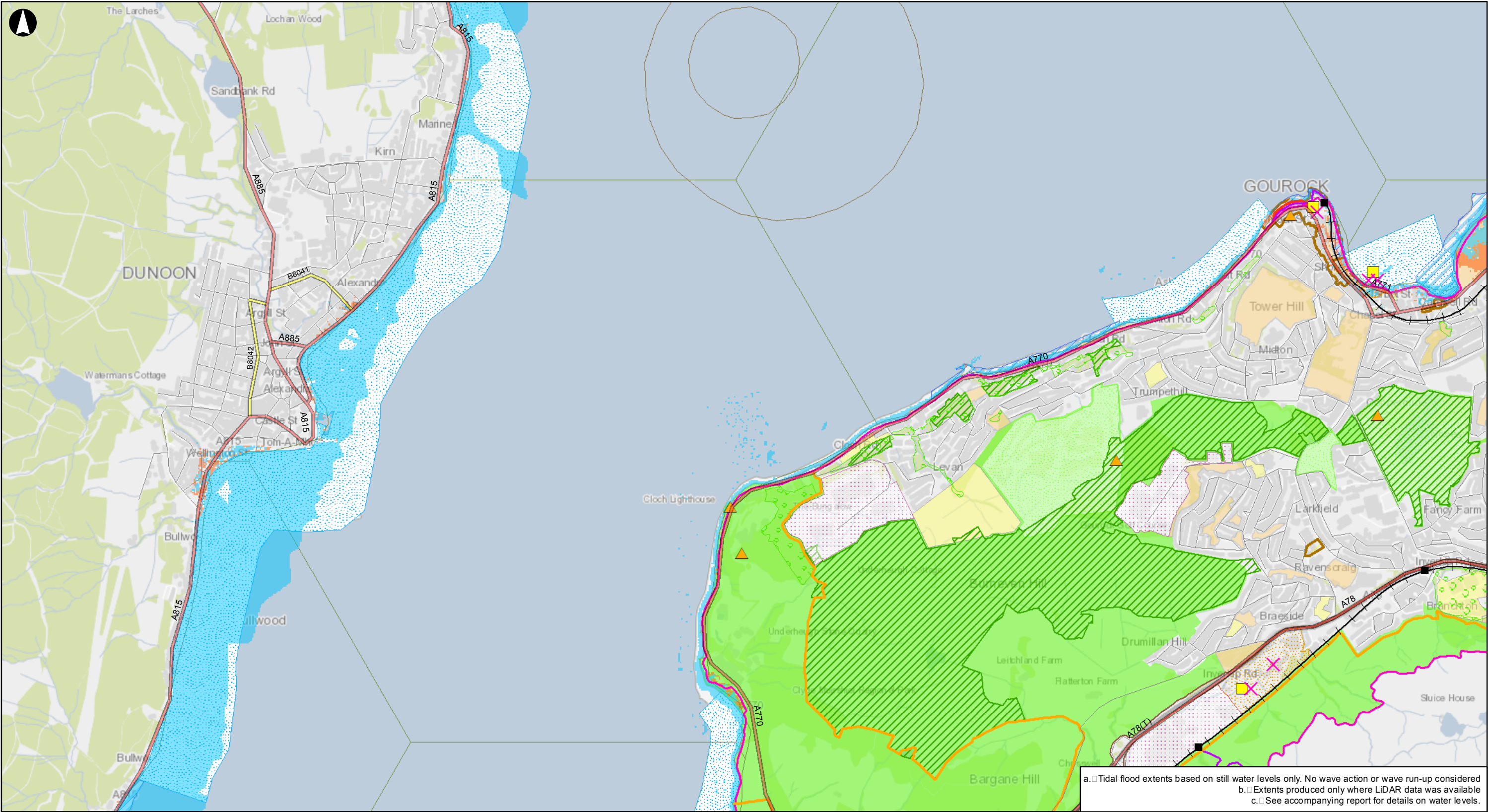
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 7A
Estimated 1 in 1 year tidal flood
extents
Plan 7 of 29**

Scale at A3
1:25,000

Job No 232094-00	Drawing Status Final
Drawing No 007A	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Spoil Dump Sites
- Shoreline Waters
- Recreational Waters

Hotspots of Species Richness

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes

New Road Proposals

Trunk Road

Town Centres

Business & Industry

Areas of Change

Tree Preservation Orders

Sincs

SSSIs

Open Spaces in the Green Belt

Retail Opportunity Sites

Open Spaces

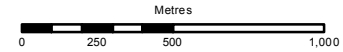
Housing Land

Proposed Green Belt

Tidal Flood Extents

1 in 200 year tidal flood extent - Baseline 2008

1 in 200 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 7B
Estimated 1 in 200 year tidal flood
extents
Plan 7 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

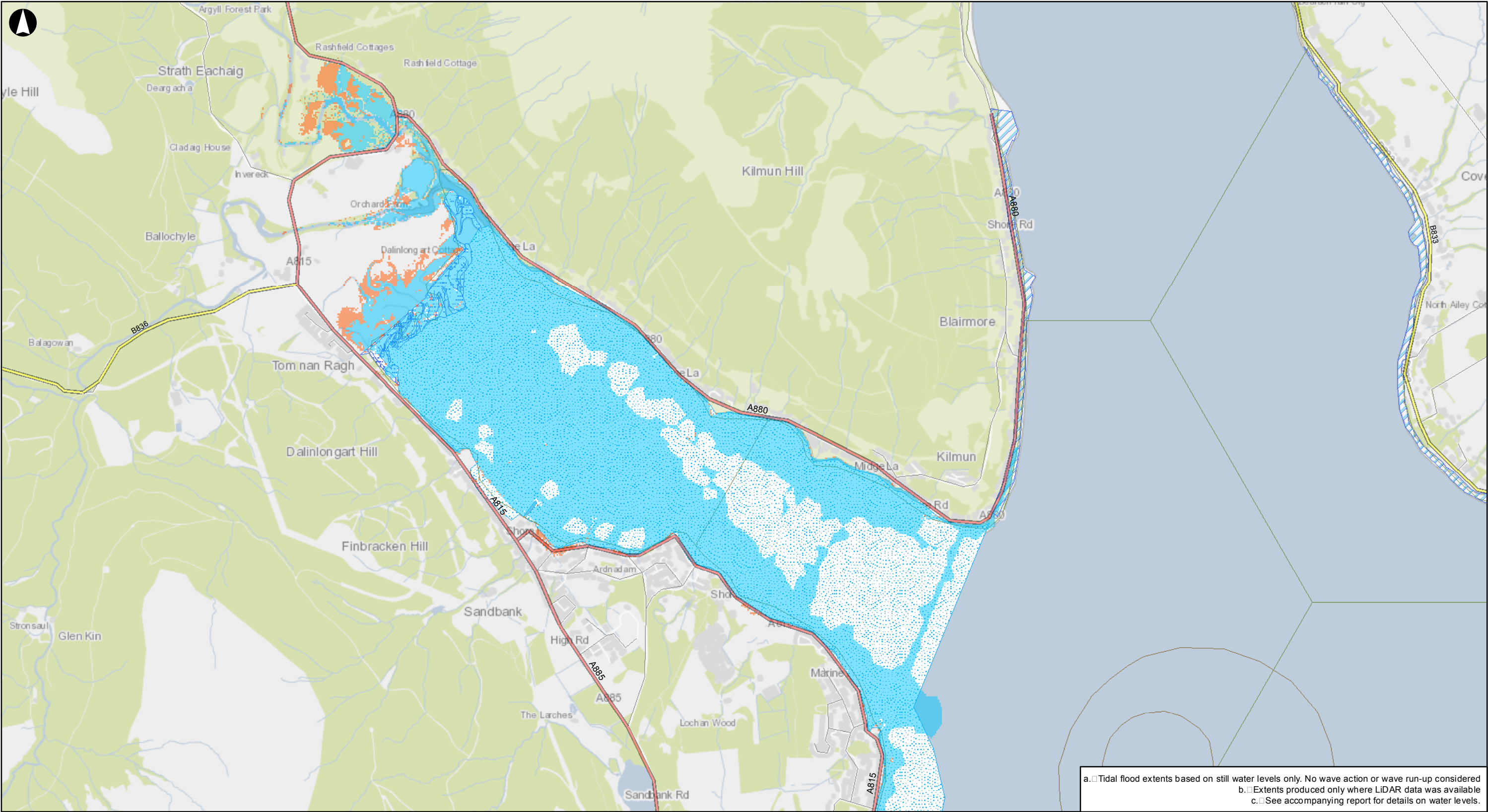
Final

Drawing No

007B

Issue

P0

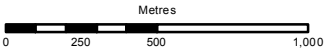


a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Spoil Dump Sites
- Shoreline Waters
- Salt Marshes
- Recreational Waters
- Hotspots of Species Richness

- Tidal Flood Extents**
- 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 8A
Estimated 1 in 1 year tidal
flood extents
Plan 8 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

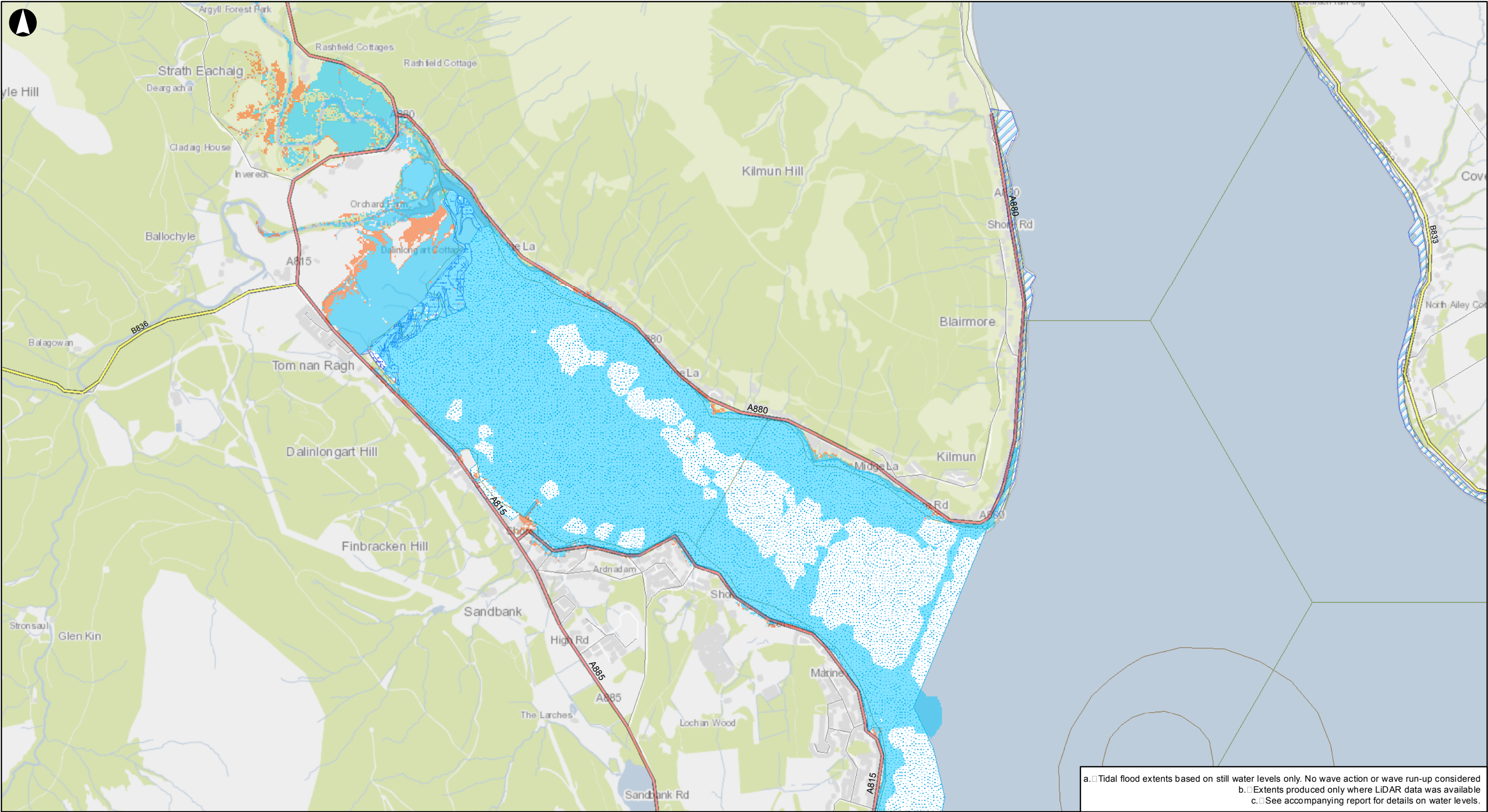
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Drawing No

008A

Issue

P0



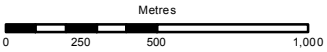
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Spoil Dump Sites
- Shoreline Waters
- Salt Marshes
- Recreational Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 8B
Estimated 1 in 200 year tidal flood
extents
Plan 8 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

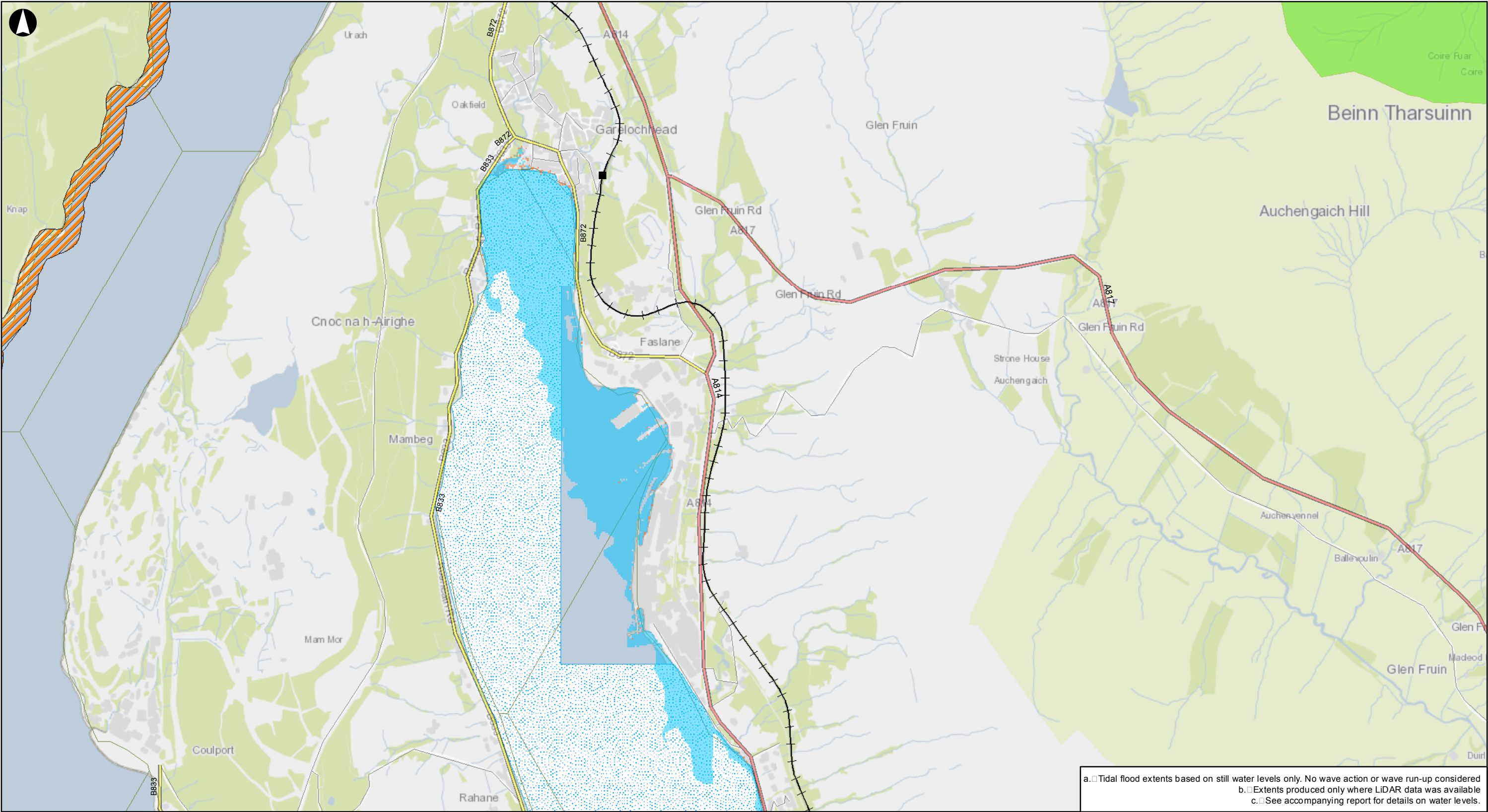
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Drawing No

008B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

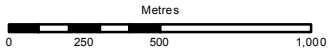
- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Shellfish Growing Waters
- Recreational Waters

Hotspots of Species Richness

Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 9A
Estimated 1 in 1 year tidal flood
extents
Plan 9 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

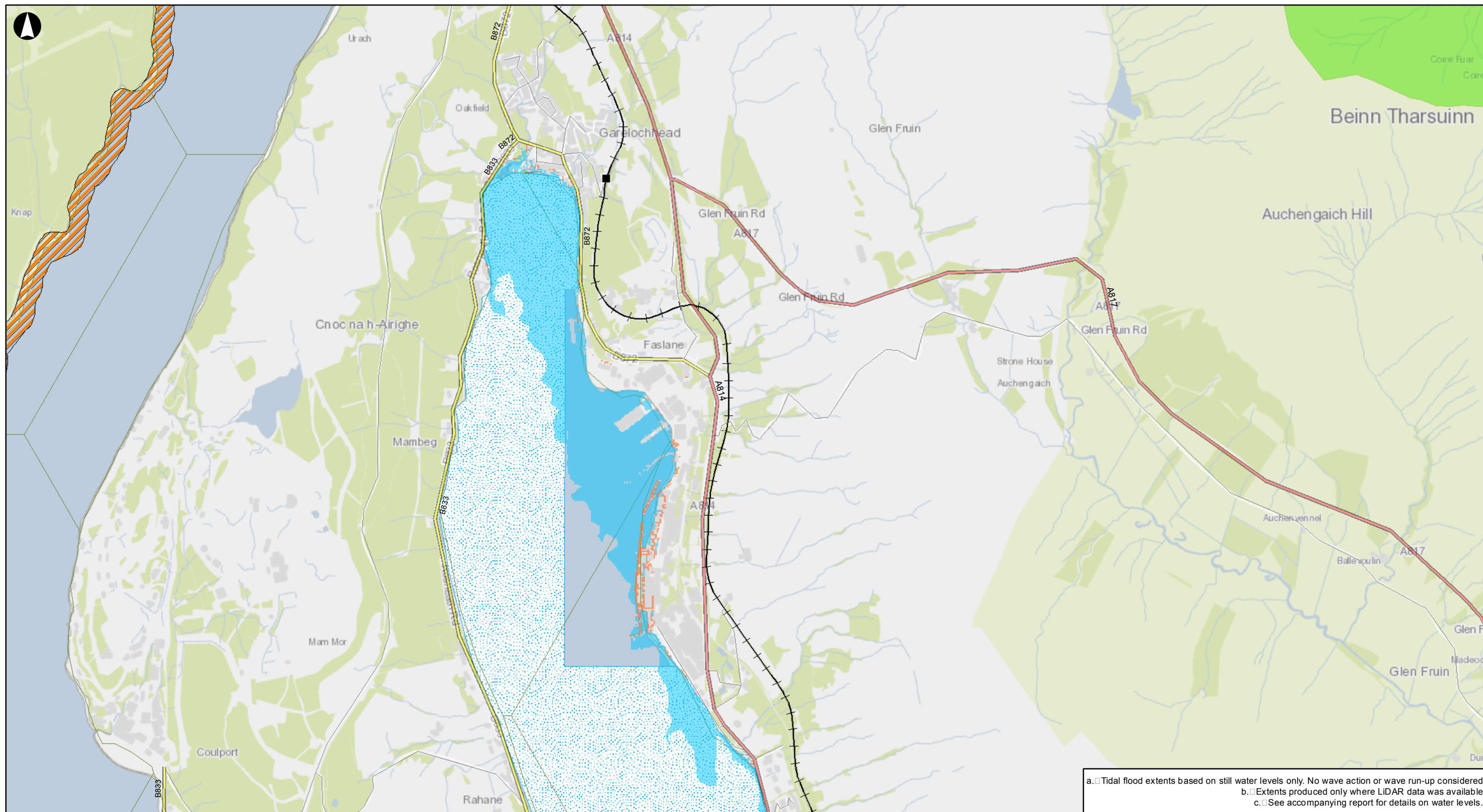
Final

Drawing No

009A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Shellfish Growing Waters
- Recreational Waters

Hotspots of Species Richness

Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080

Metres
0 250 500 1,000

Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 9B
Estimated 1 in 200 year tidal flood
extents
Plan 9 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

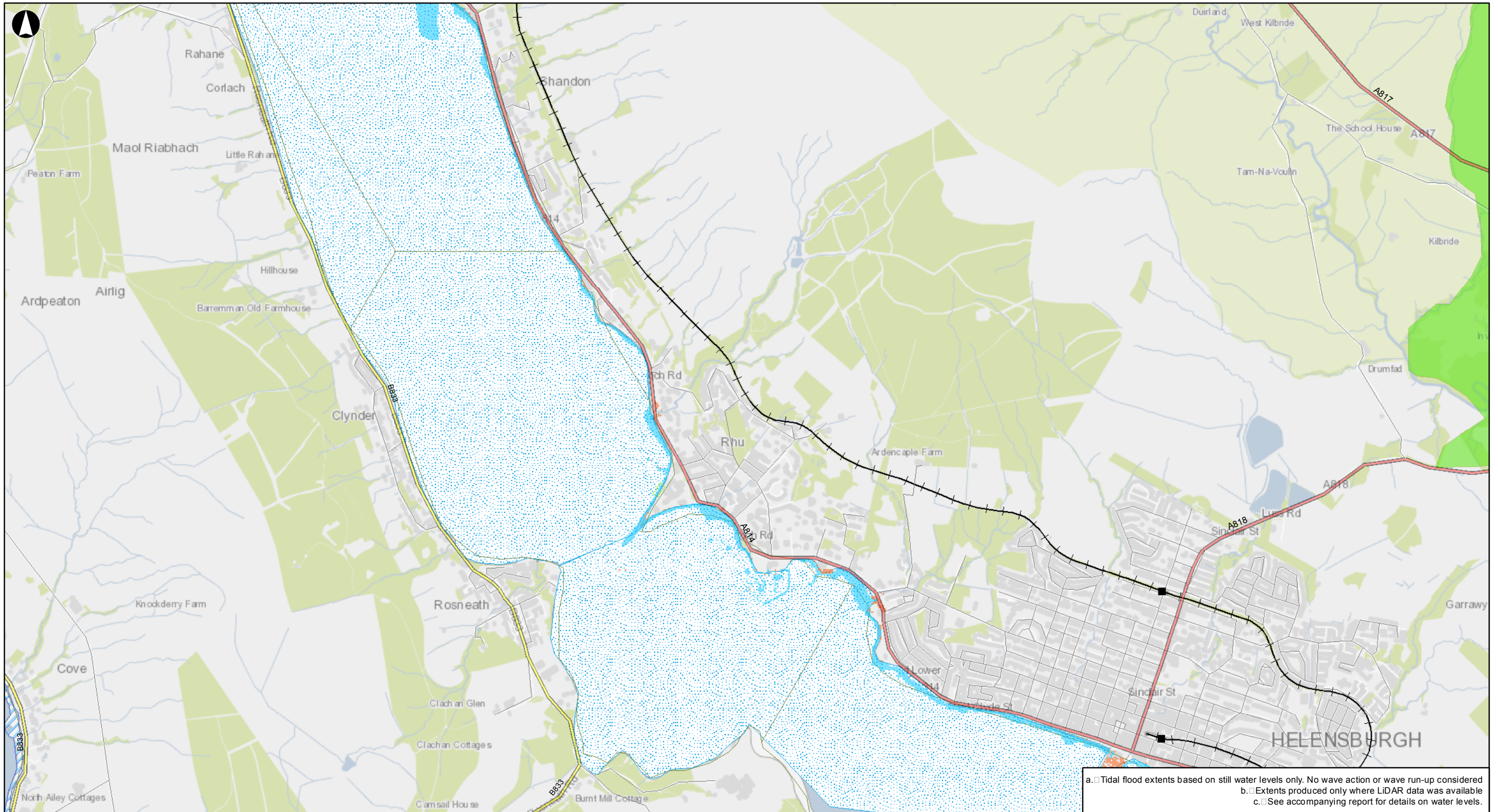
Final

Drawing No

009B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

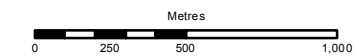
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 10A
Estimated 1 in 1 year tidal flood
extents
Plan 10 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

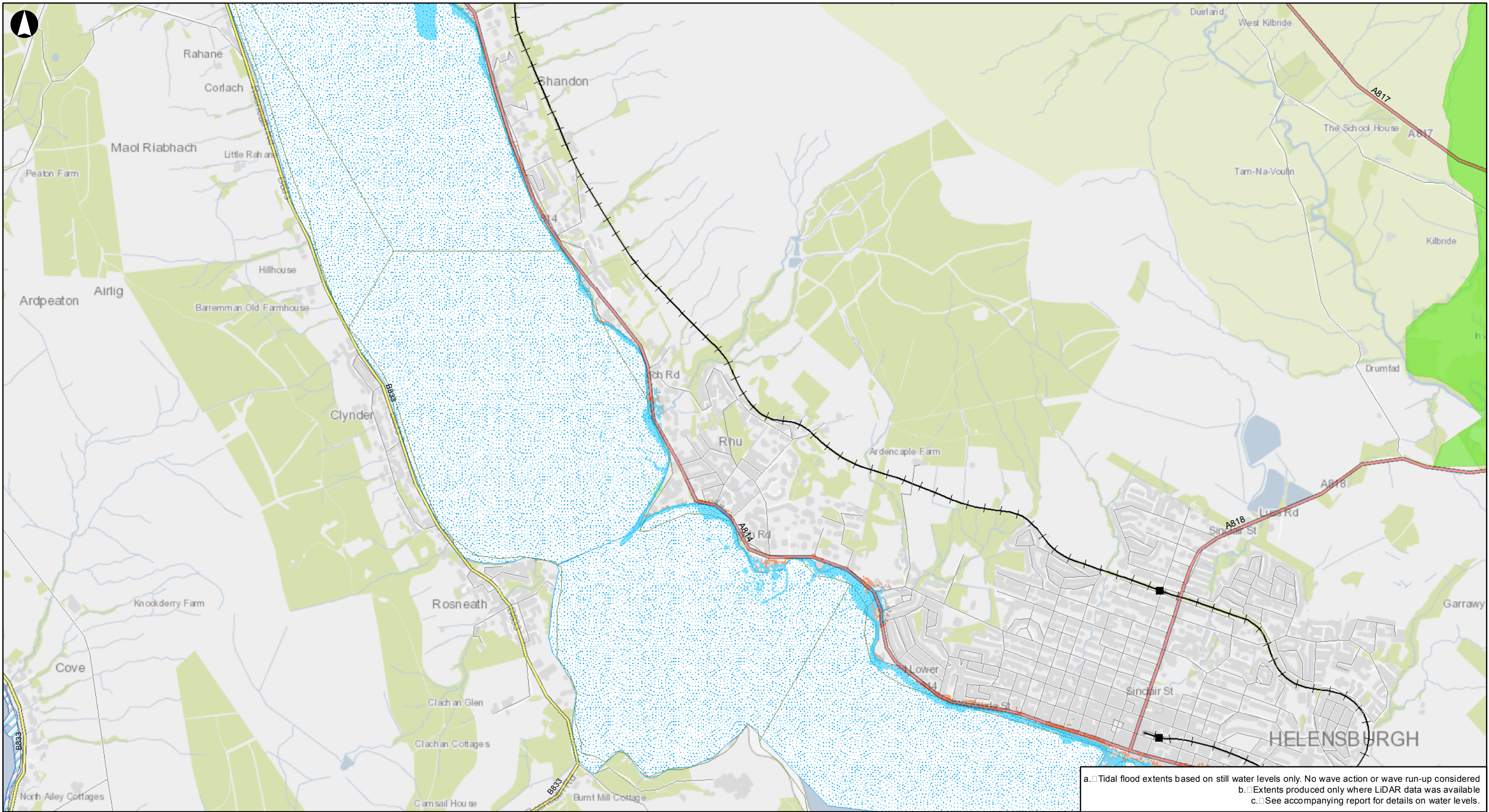
Final

Drawing No

010A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

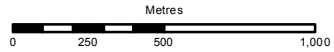
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 10B
Estimated 1 in 200 year tidal flood
extents
Plan 10 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

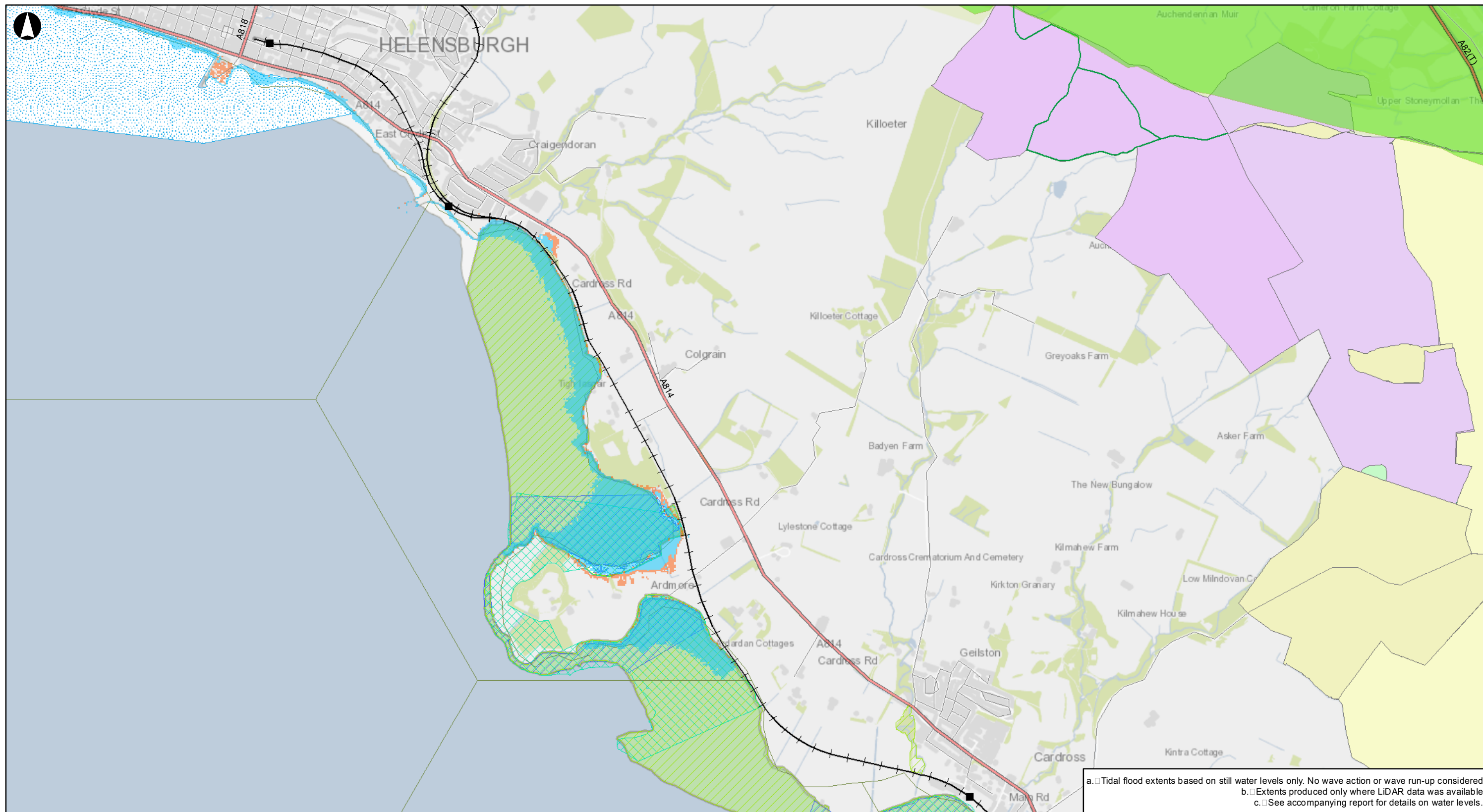
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Drawing No

010B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Shoreline Waters
- Scotland Important Bird Areas
- Salt Marshes

Recreational Waters

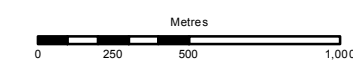
- ramsar
- Hotspots of Species Richness
- Environmentally Sensitive Areas
- GB1 - Green Belt
- E3A - Local Nature Conservation Sites
- BE5 - Scheduled Ancient Monuments
- DC3 - Safeguarding Zone
- LNCS Geo
- Core Paths_lin

Green belt

- LNCS
- Plan boundary
- Scheduled Monument
- Countryside

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 11A
Estimated 1 in 1 year tidal flood
extents
Plan 11 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

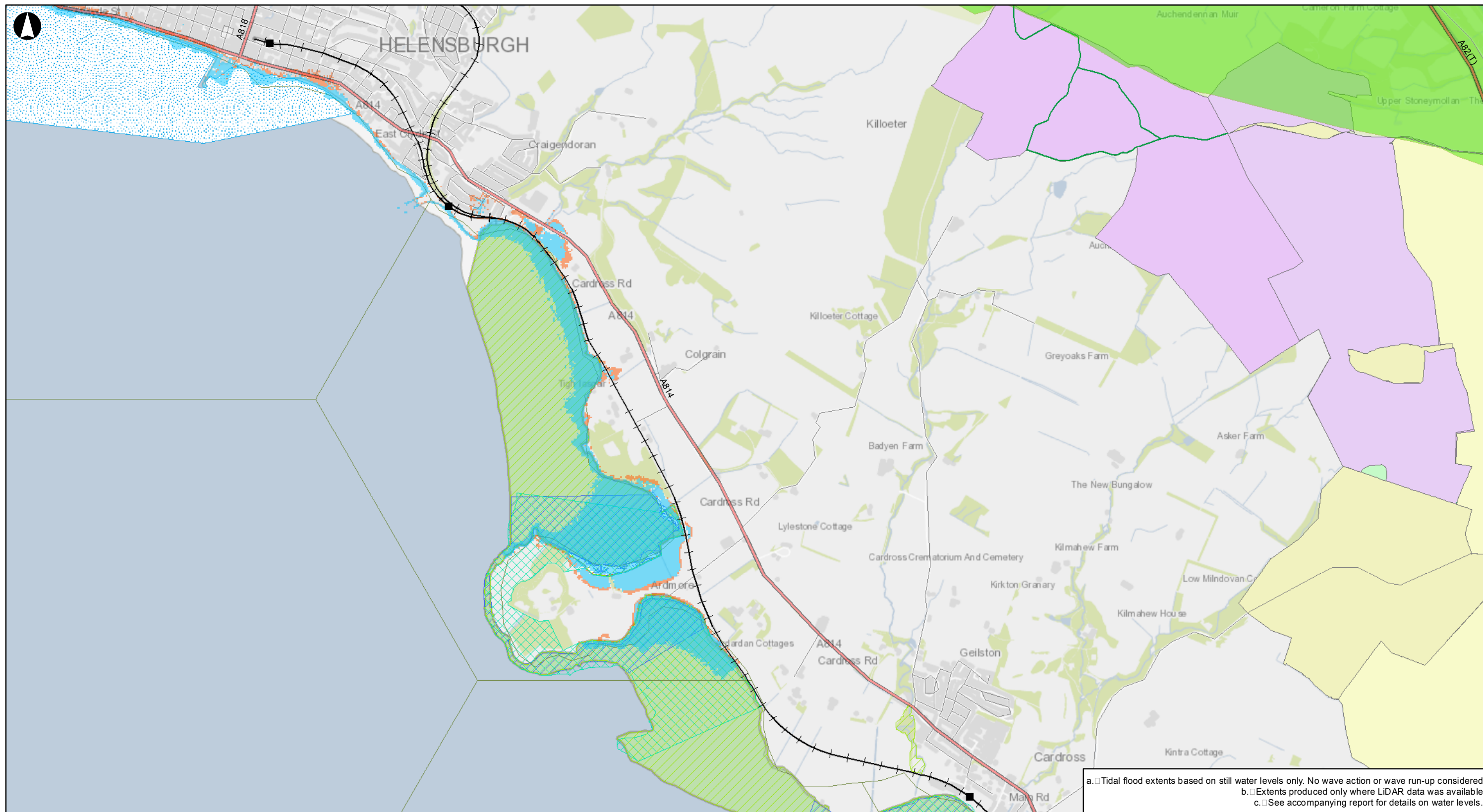
Final

Drawing No

011A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Shoreline Waters
- Scotland Important Bird Areas
- Salt Marshes

Recreational Waters

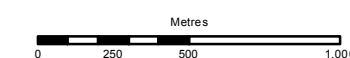
- ramsar
- Hotspots of Species Richness
- Environmentally Sensitive Areas
- GB1 - Green Belt
- E3A - Local Nature Conservation Sites
- BE5 - Scheduled Ancient Monuments
- DC3 - Safeguarding Zone
- LNCS Geo
- Core Paths_lin

Green belt

- LNCS
- Plan boundary
- Scheduled Monument
- Countryside

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 11B
Estimated 1 in 200 year tidal flood
extents
Plan 11 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

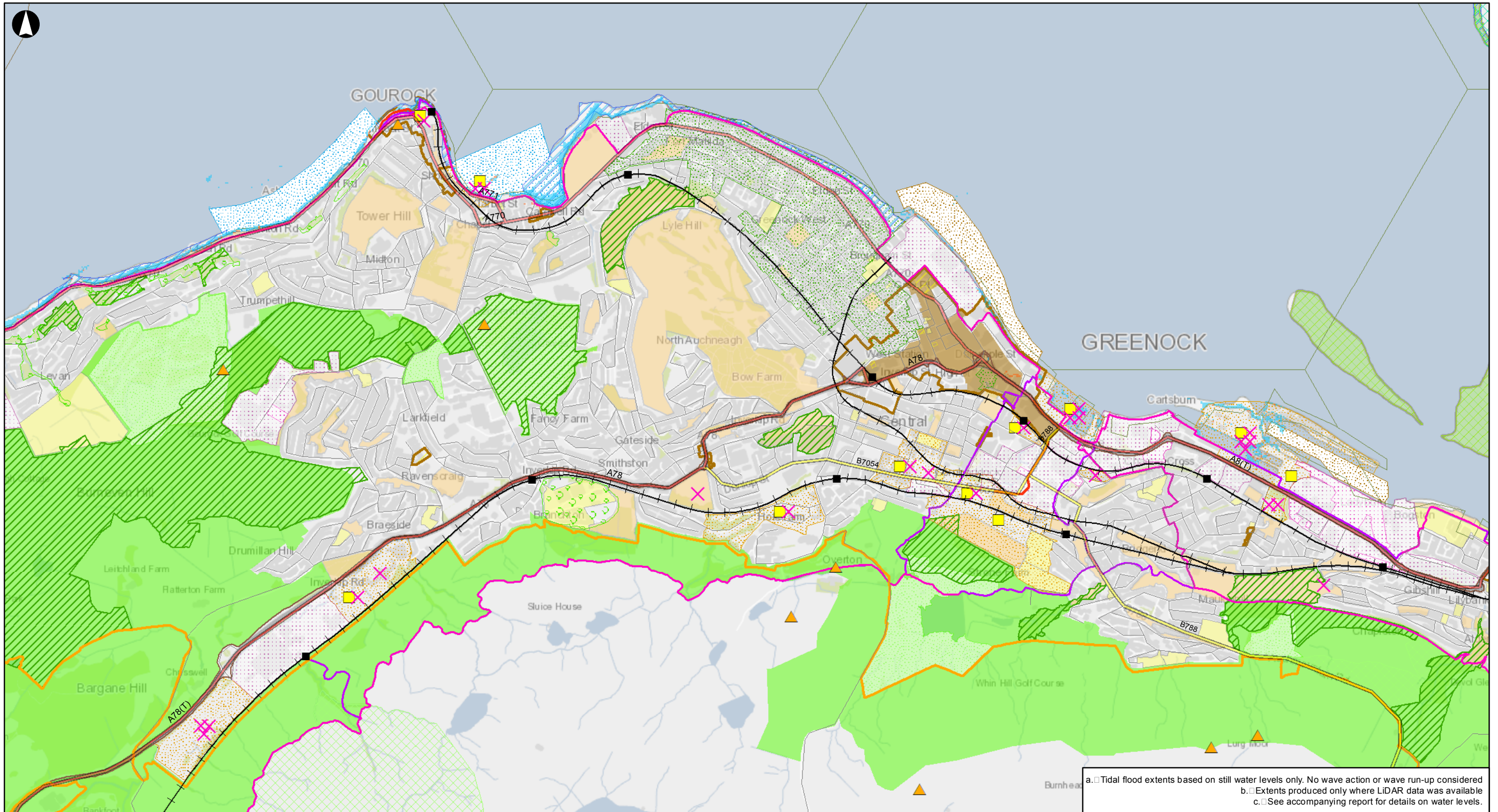
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Drawing No

011B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Spoil Dump Sites
- Special Protection Areas (SPA)
- Shoreline Waters

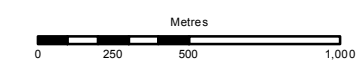
Scotland Important Bird Areas

- Recreational Waters
- ramsar
- Hotspots of Species Richness
- Dredge Sites

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- New Road Proposals
- Trunk Road
- Town Centres
- Business & Industry Opportunities
- Business & Industry



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 12A
Estimated 1 in 1 year tidal flood
extents
Plan 12 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

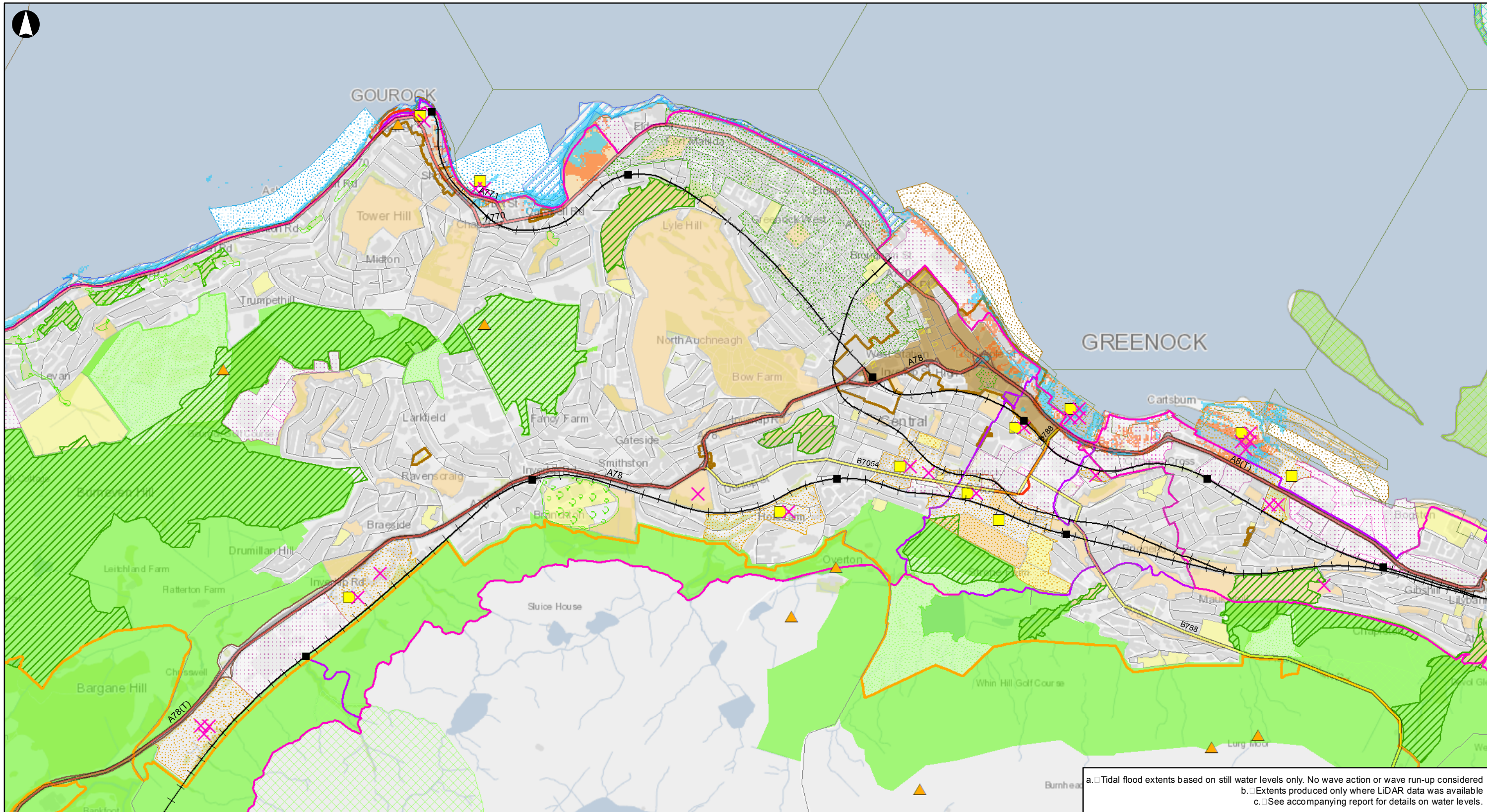
Final

Drawing No

012A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Spoil Dump Sites
- Special Protection Areas (SPA)

Shoreline Waters

- Scotland Important Bird Areas
- Recreational Waters
- ramsar
- Hotspots of Species Richness
- Dredge Sites

Local Development Plans (LDP)

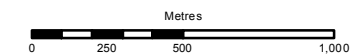
- Development Opportunities
- Indicative Housing Sites

Scheduled Monuments

- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- New Road Proposals
- Trunk Road
- Town Centres
- Business & Industry Opportunities

Business & Industry

- Areas of Change
- Tree Preservation Orders



Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 12B
Estimated 1 in 200 year tidal flood
extents
Plan 12 of 29**

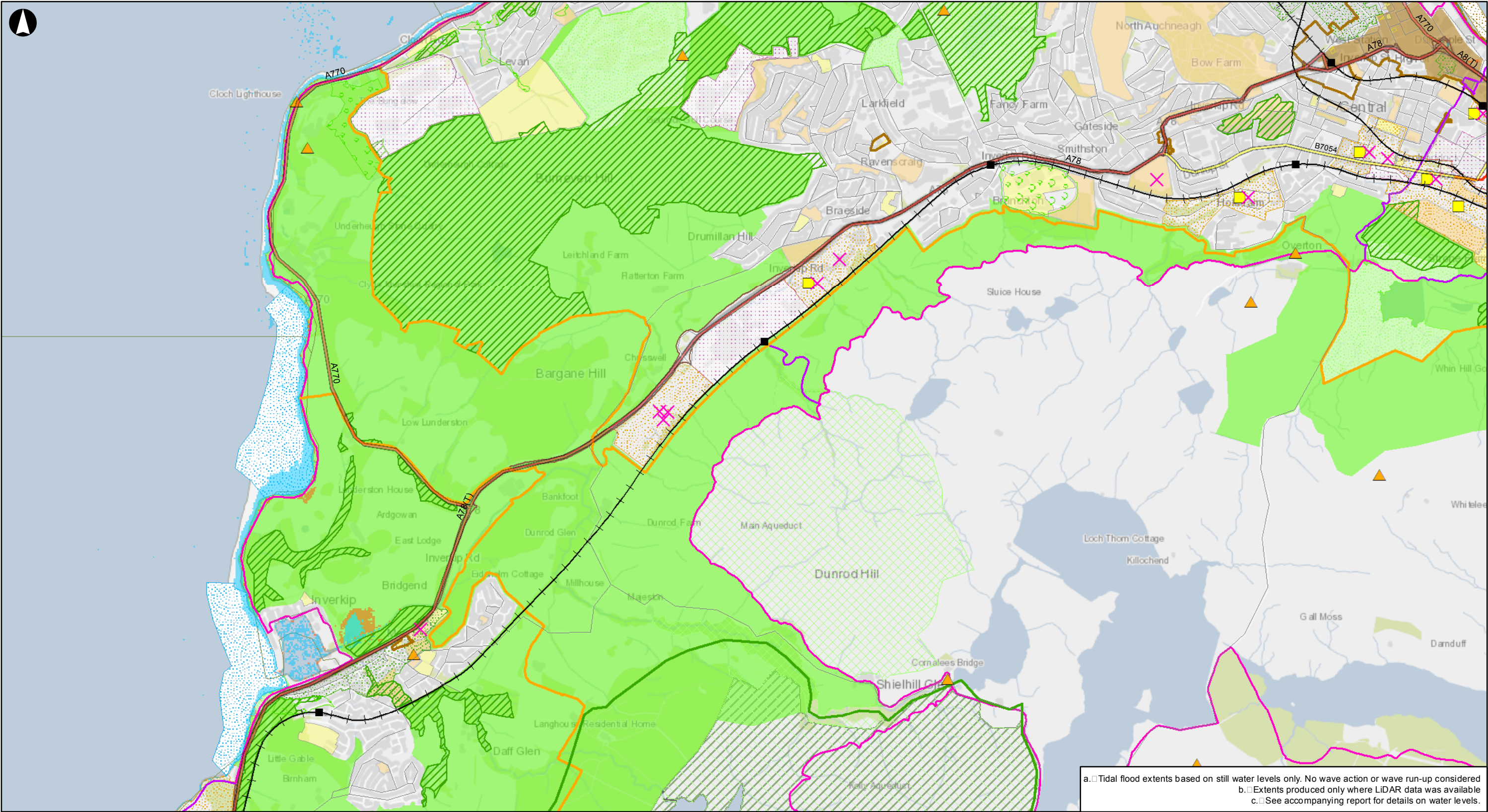
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Job No
232094-00

Drawing Status
Final

Drawing No
012B

Issue
P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

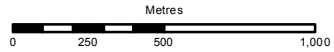
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Recreational Waters
- Hotspots of Species Richness

Dredge Sites

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- West Renfrew Hills Scenic Area
- Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- New Road Proposals
- Trunk Road
- Town Centres
- Business & Industry



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 13A
Estimated 1 in 1 year tidal flood
extents
Plan 13 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

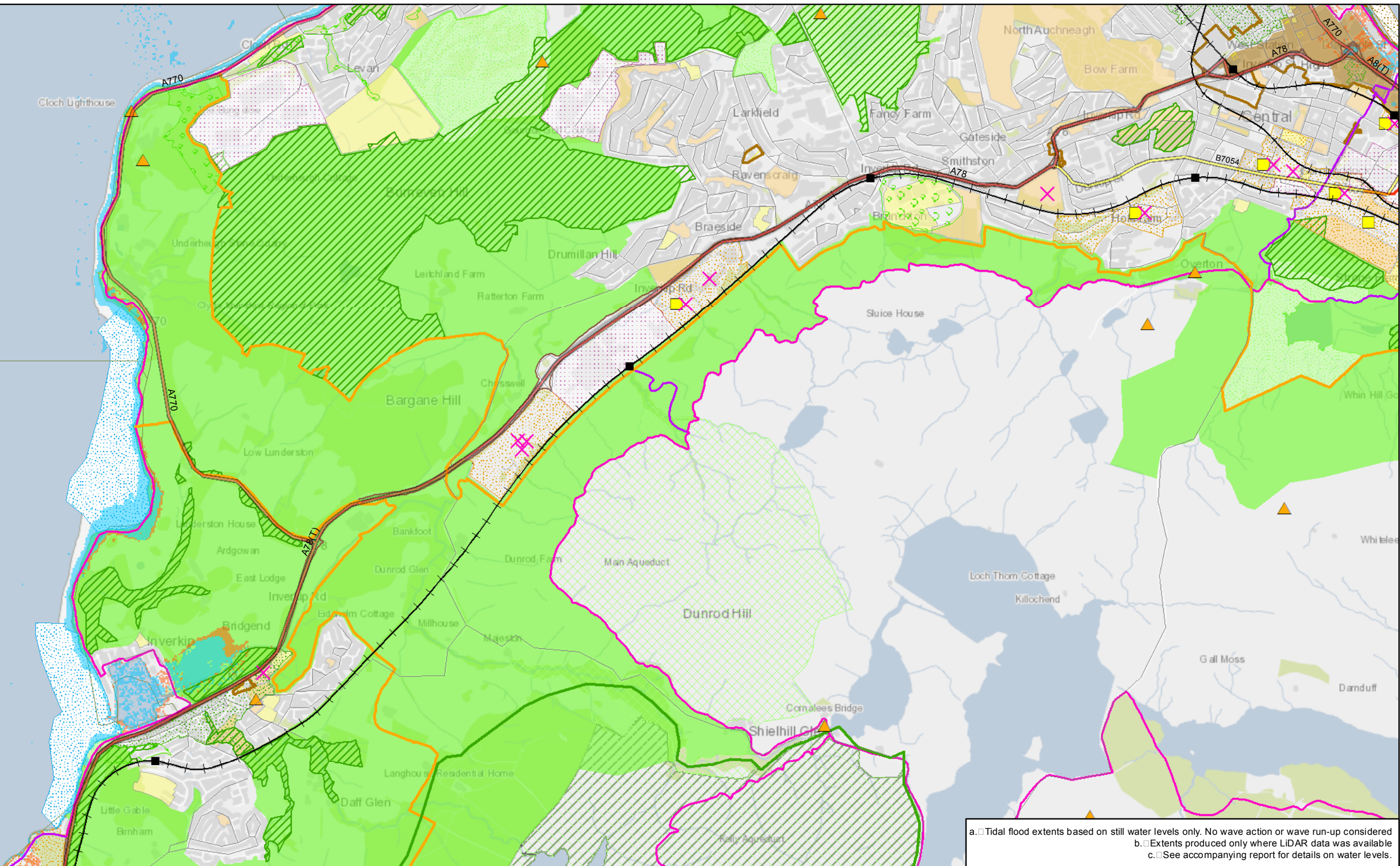
Final

Drawing No

013A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Recreational Waters

Hotspots of Species Richness

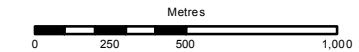
- Dredge Sites
- Local Development Plans (LDP)
- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- West Renfrew Hills Scenic Area

Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- New Road Proposals
- Trunk Road

Town Centres

- Business & Industry
- Areas of Change
- Tree Preservation Orders



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 13B
Estimated 1 in 200 year tidal flood
extents
Plan 13 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

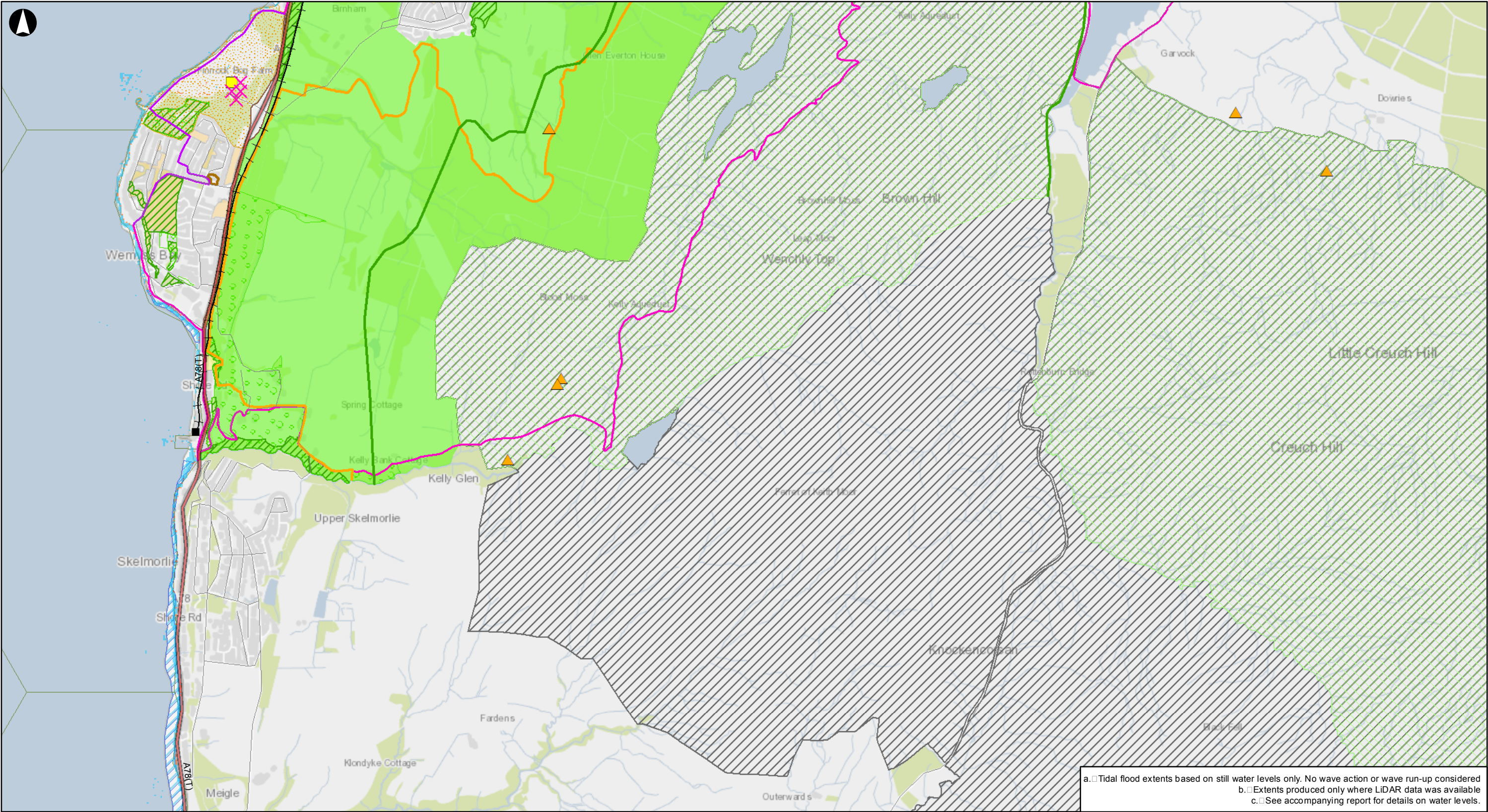
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Drawing No

013B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
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Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway
- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments

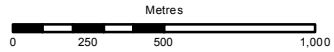
- West Renfrew Hills Scenic Area
- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Town Centres
- Areas of Change
- Tree Preservation Orders
- Sincs
- SSSIs

Special Protection Areas

- Open Spaces
- Housing Land
- Proposed Green Belt
- SINC's

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 14A
Estimated 1 in 1 year tidal flood
extents
Plan 14 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

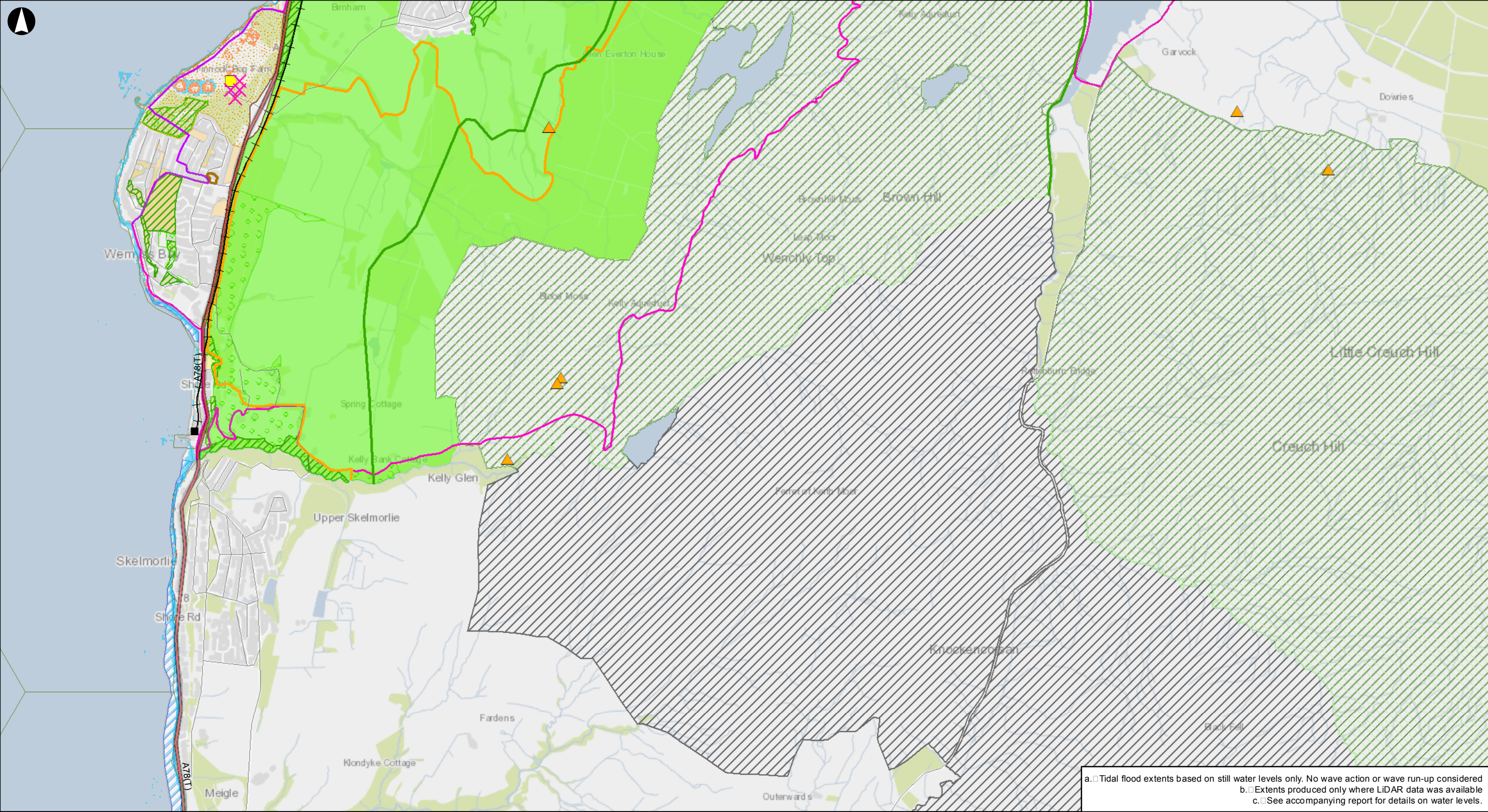
Final

Drawing No

014A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway
- Shoreline Waters
- Recreational Waters
- Hotspots of Species Richness

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments

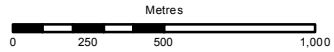
- West Renfrew Hills Scenic Area
- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Town Centres
- Areas of Change
- Tree Preservation Orders
- Sincs
- SSSIs

Special Protection Areas

- Open Spaces
- Housing Land
- Proposed Green Belt
- SINC's

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 14B
Estimated 1 in 200 year tidal flood
extents
Plan 14 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

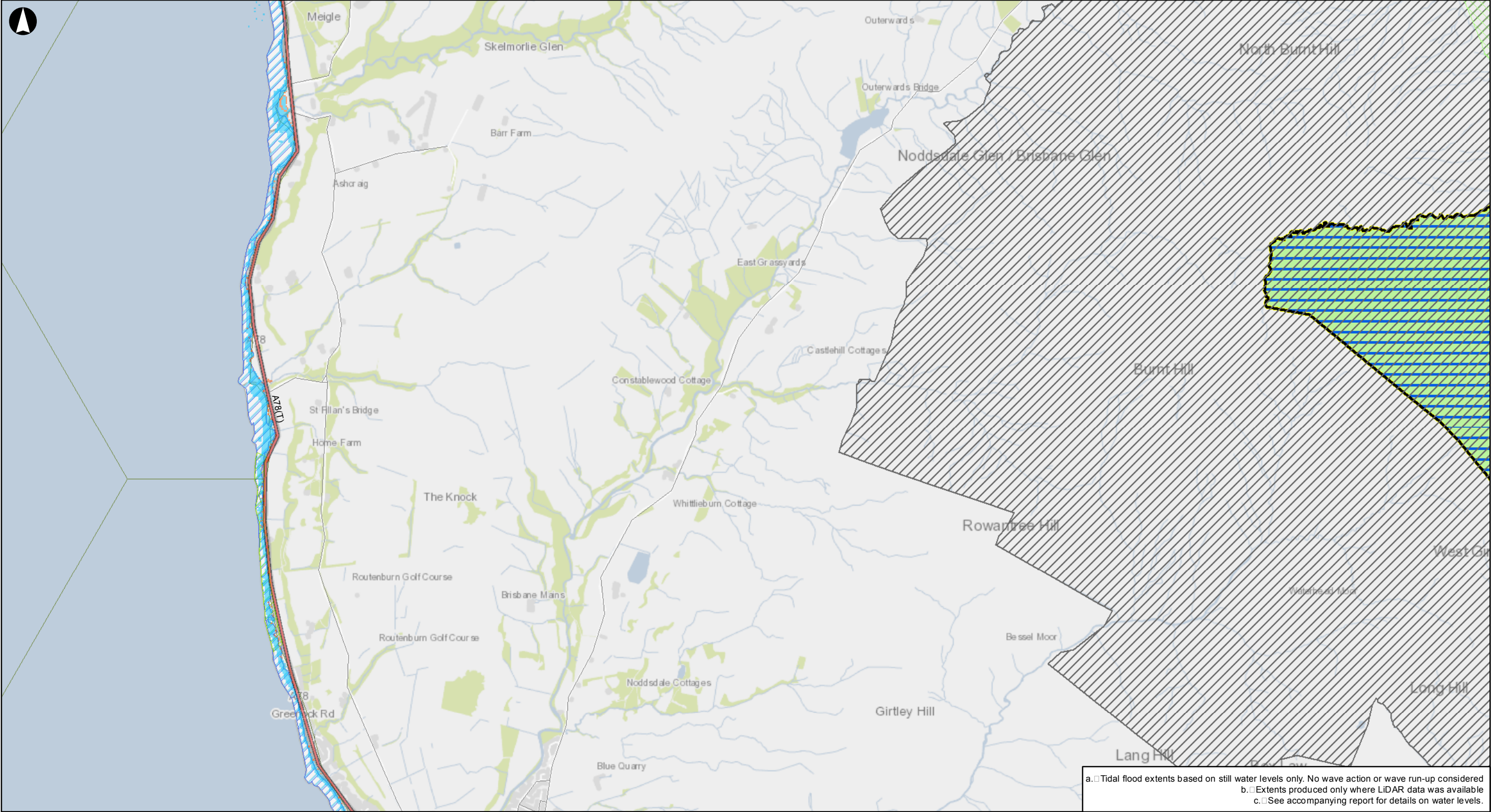
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Drawing No

014B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
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c. See accompanying report for details on water levels.

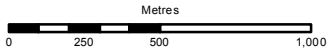
Legend

- A Roads
- Minor Roads
- Sites of Special Scientific Interest (SSSI)
- Shoreline Waters
- Hotspots of Species Richness
- SSSIs
- Special Protection Areas

- SINCs
- SPAs
- SSSIs
- ENV1 - Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 15A
Estimated 1 in 1 year tidal flood
extents
Plan 15 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

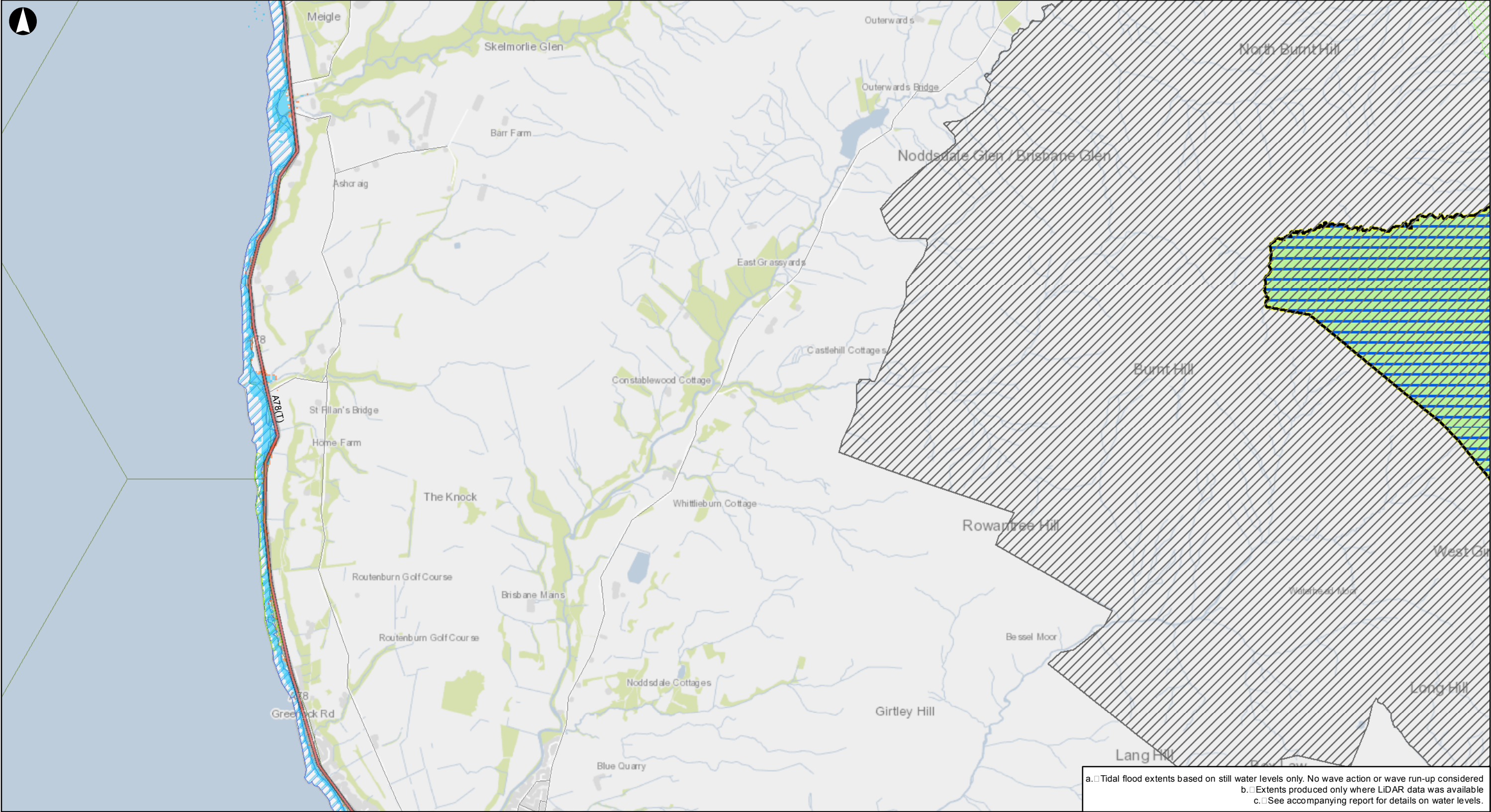
Final

Drawing No

015A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

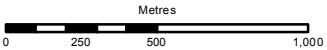
Legend

- A Roads
- Minor Roads
- Sites of Special Scientific Interest (SSSI)
- Shoreline Waters
- Hotspots of Species Richness
- SSSIs
- Special Protection Areas

- SINCs
- SPAs
- SSSIs
- ENV1 - Green Belt

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 15B
Estimated 1 in 200 year tidal flood
extents
Plan 15 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

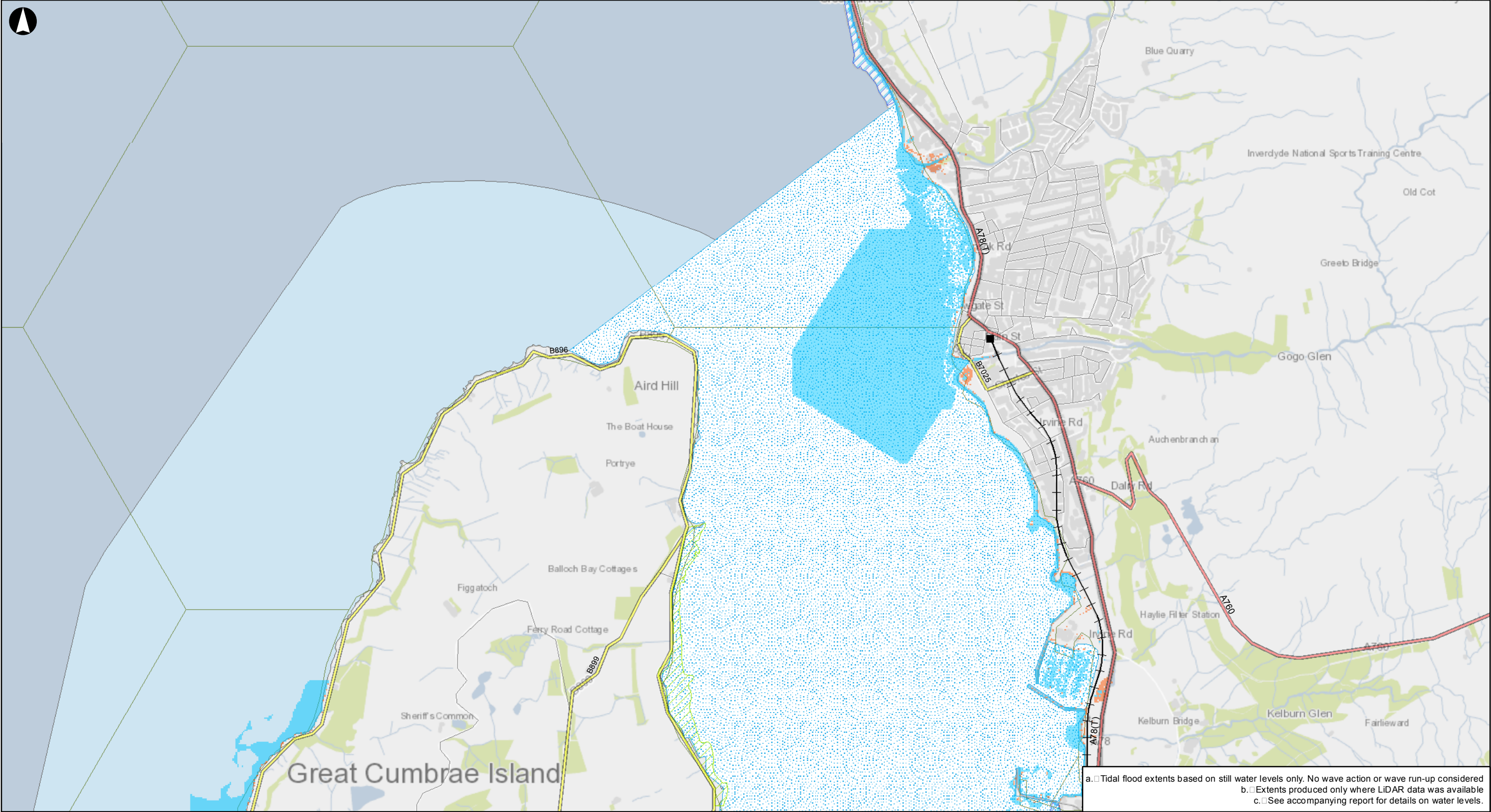
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Drawing No

015B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

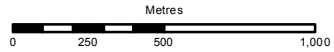
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Shoreline Waters

- Recreational Waters
- Marine Consultation Areas (MCA)
- Hotspots of Species Richness
- Bathing Waters

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 16A
Estimated 1 in 1 year tidal flood
extents
Plan 16 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

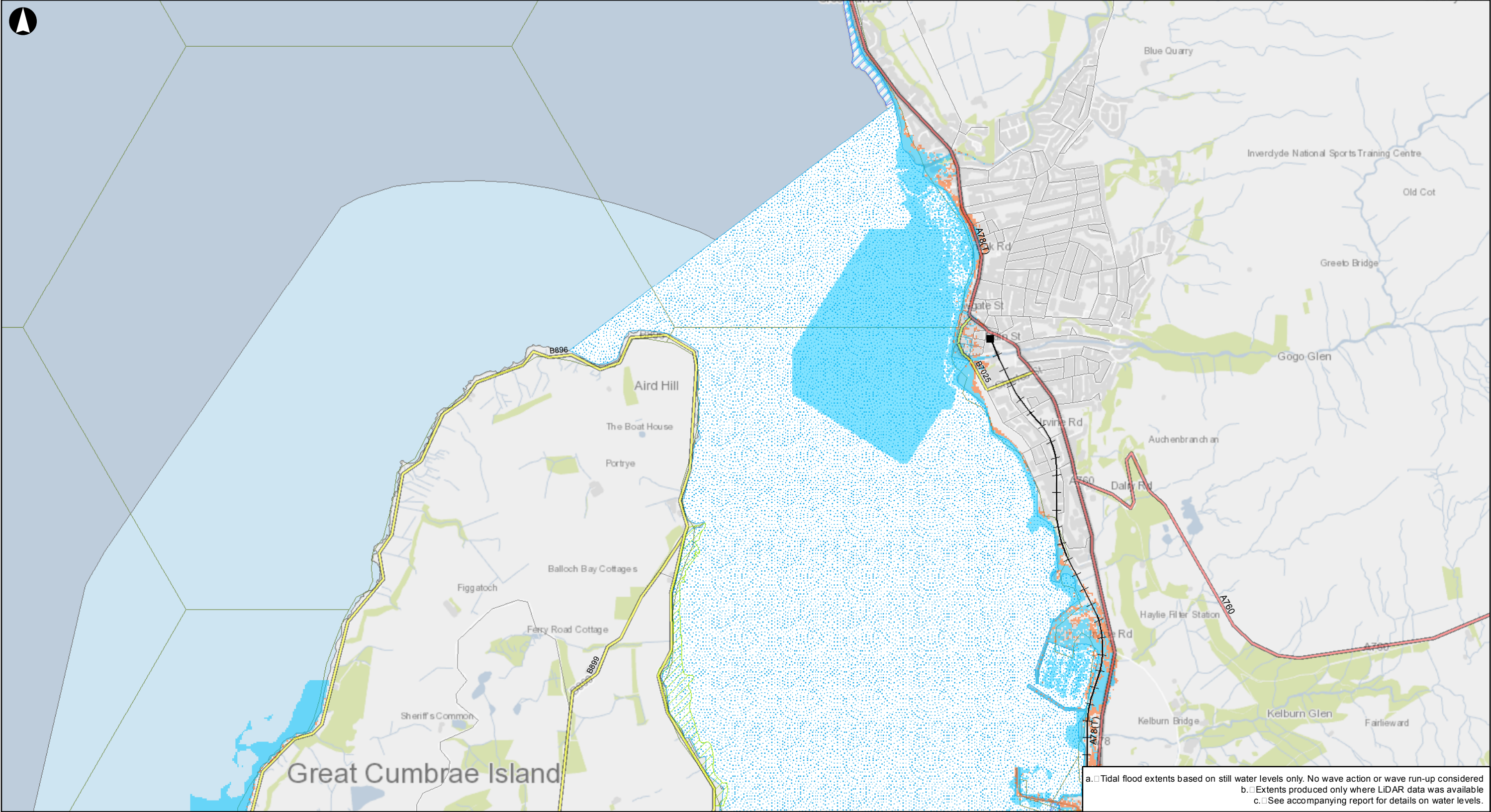
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Drawing No

016A

Issue

P0



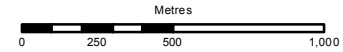
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Shoreline Waters

- Recreational Waters
- Marine Consultation Areas (MCA)
- Hotspots of Species Richness
- Bathing Waters
- Tidal Flood Extents**
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 16B
Estimated 1 in 200 year tidal flood
extents
Plan 16 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

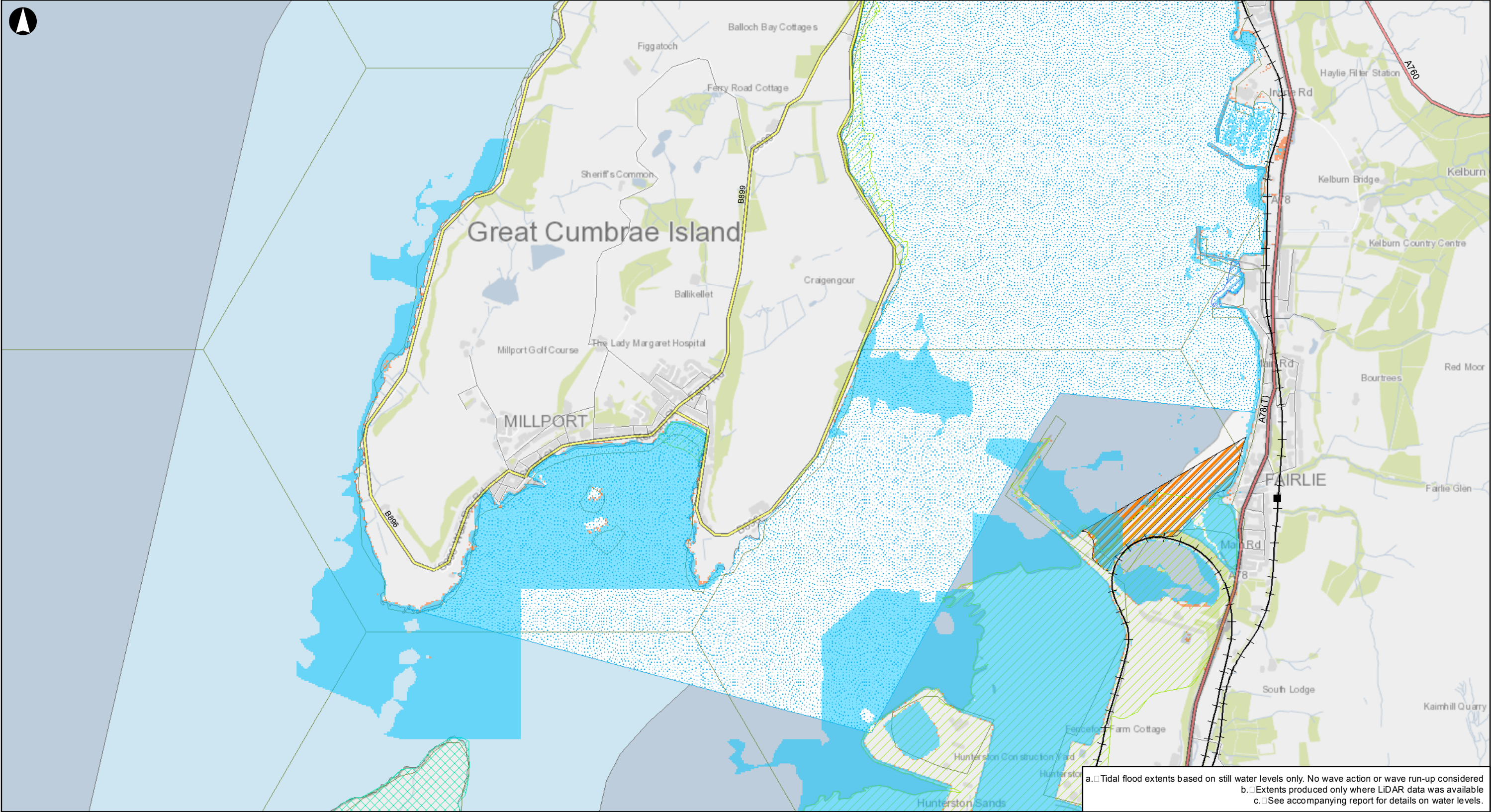
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Drawing No

016B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

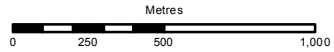
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- ▨ Sites of Special Scientific Interest (SSSI)

- ▨ Shoreline Waters
- ▨ Shellfish Growing Waters
- ▨ Scotland Important Bird Areas
- ▨ Recreational Waters
- ▨ Marine Consultation Areas (MCA)
- ▨ Hotspots of Species Richness
- ▨ Bathing Waters

Tidal Flood Extents

- ▨ 1 in 1 year tidal flood extent - Baseline 2008
- ▨ 1 in 1 year tidal flood extent - High Emissions 2080



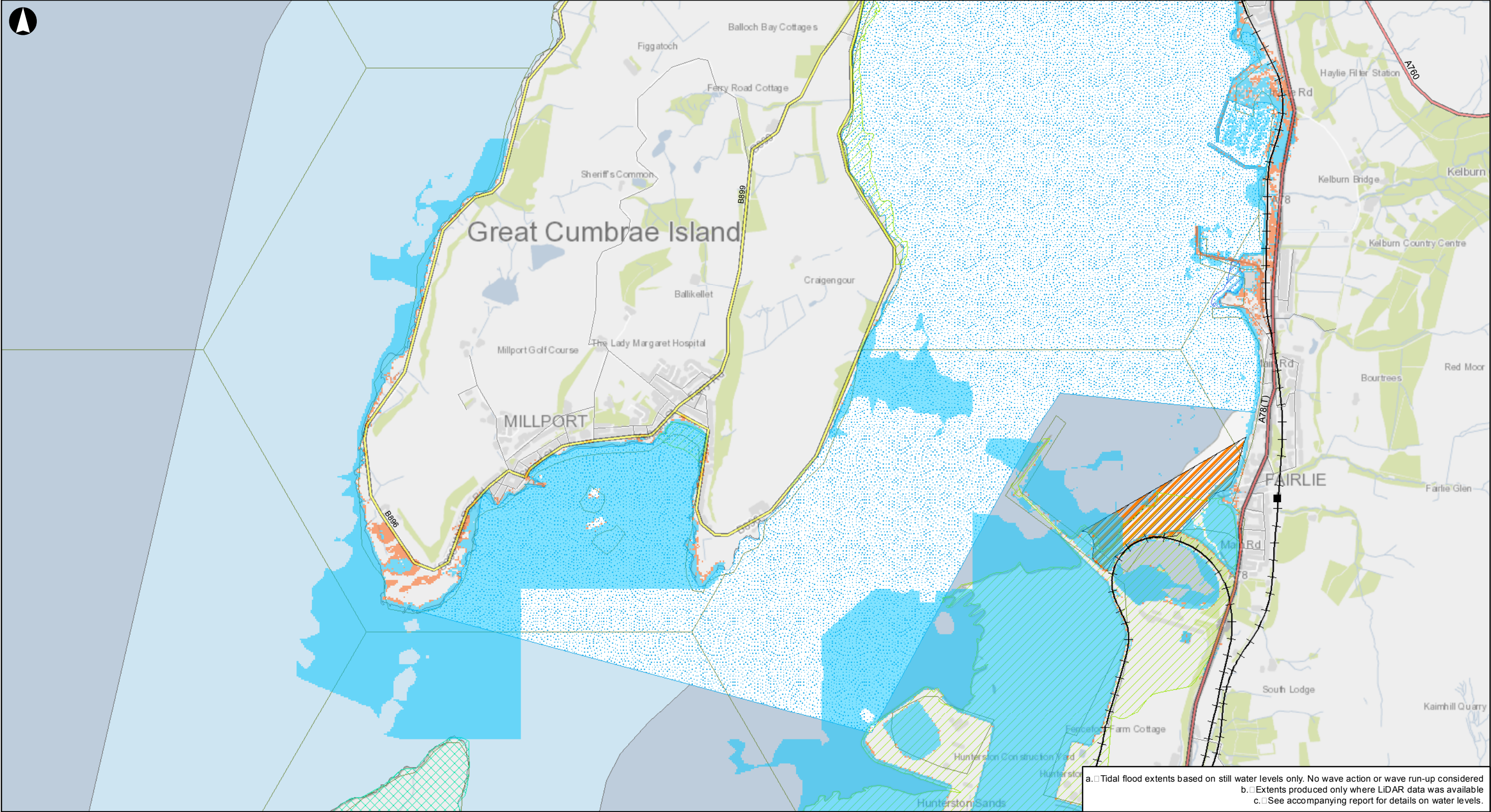
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 17A
Estimated 1 in 1 year tidal flood
extents
Plan 17 of 29**

Scale at A3
1:25,000

Job No 232094-00	Drawing Status Final
Drawing No 017A	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

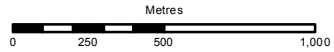
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- ▨ Sites of Special Scientific Interest (SSSI)

- ▨ Shoreline Waters
- ▨ Shellfish Growing Waters
- ▨ Scotland Important Bird Areas
- ▨ Recreational Waters
- ▨ Marine Consultation Areas (MCA)
- ▨ Hotspots of Species Richness
- ▨ Bathing Waters

Tidal Flood Extents

- ▨ 1 in 200 year tidal flood extent - Baseline 2008
- ▨ 1 in 200 year tidal flood extent - High Emissions 2080



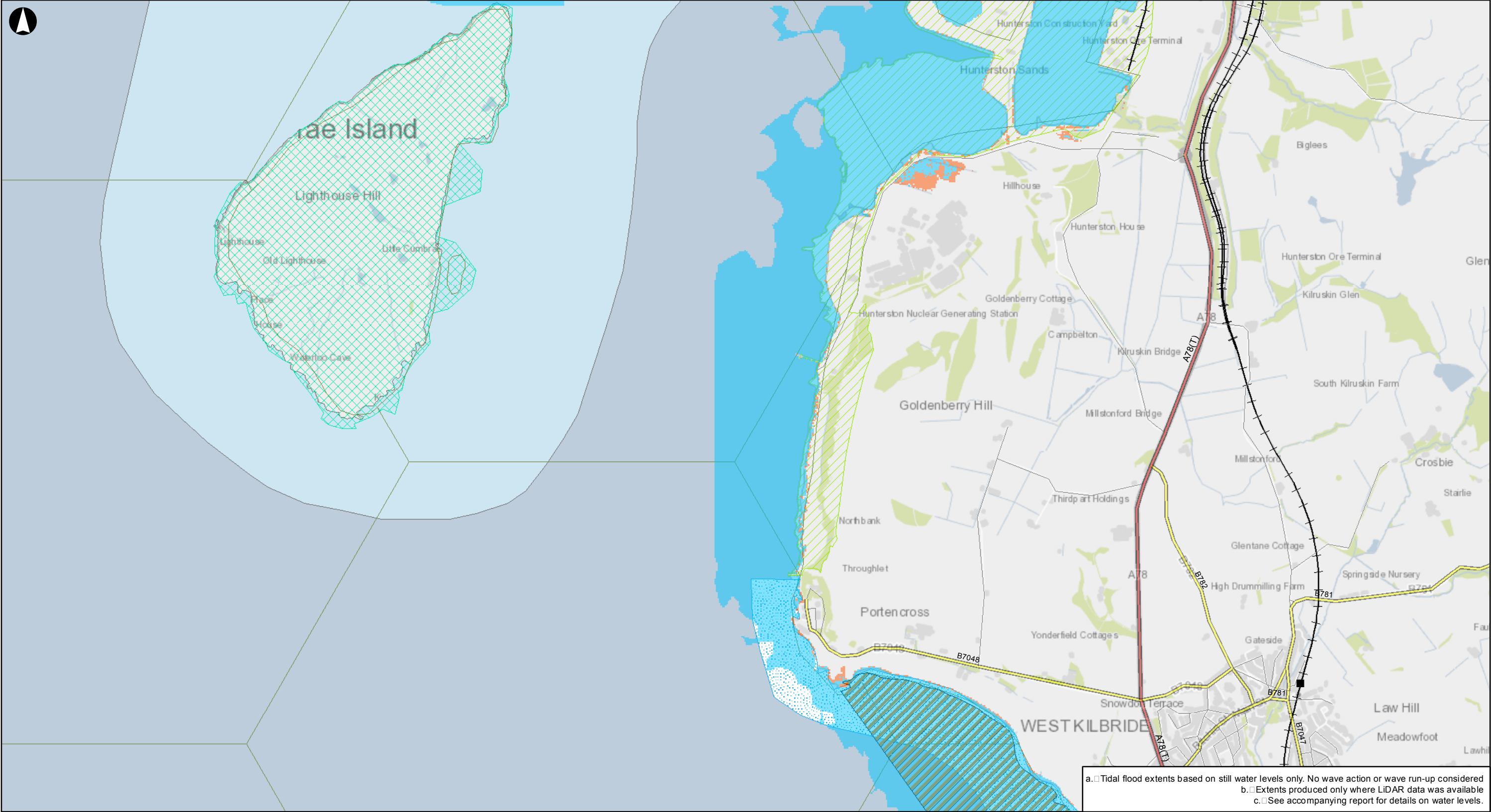
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 17B
Estimated 1 in 200 year tidal flood
extents
Plan 17 of 29**

Scale at A3
1:25,000

Job No 232094-00	Drawing Status Final
Drawing No 017B	Issue P0



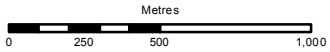
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Shellfish Growing Waters

- Scotland Important Bird Areas
- Recreational Waters
- Marine Consultation Areas (MCA)
- Hotspots of Species Richness
- Tidal Flood Extents**
 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 18A
Estimated 1 in 1 year tidal flood
extents
Plan 18 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

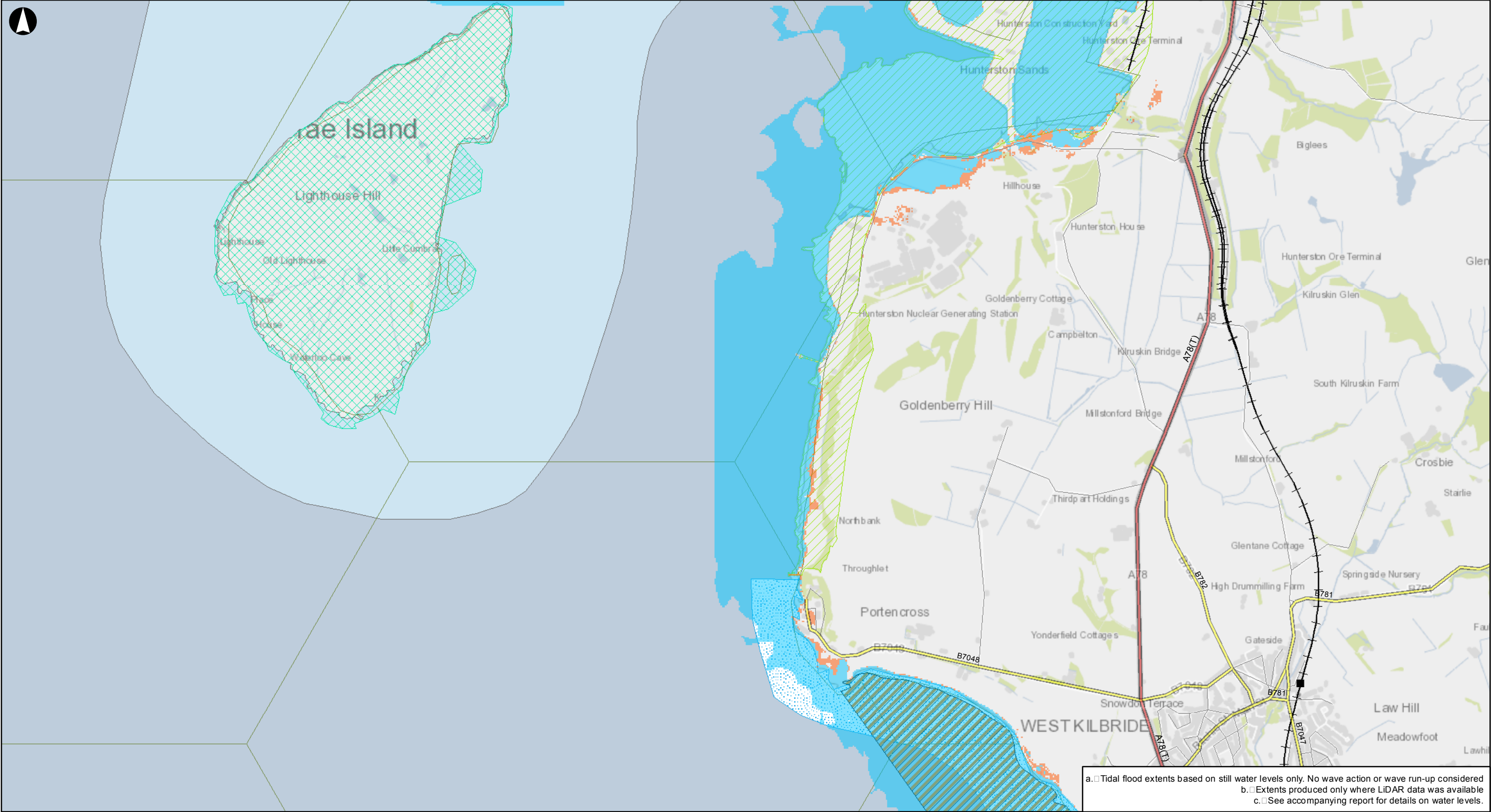
Final

Drawing No

018A

Issue

P0



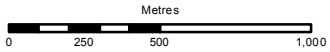
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- ▨ Sites of Special Scientific Interest (SSSI)
- ▨ Shellfish Growing Waters

- ▨ Scotland Important Bird Areas
- ▨ Recreational Waters
- ▨ Marine Consultation Areas (MCA)
- ▨ Hotspots of Species Richness
- Tidal Flood Extents**
- ▨ 1 in 200 year tidal flood extent - Baseline 2008
- ▨ 1 in 200 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 18B
Estimated 1 in 200 year tidal flood
extents
Plan 18 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

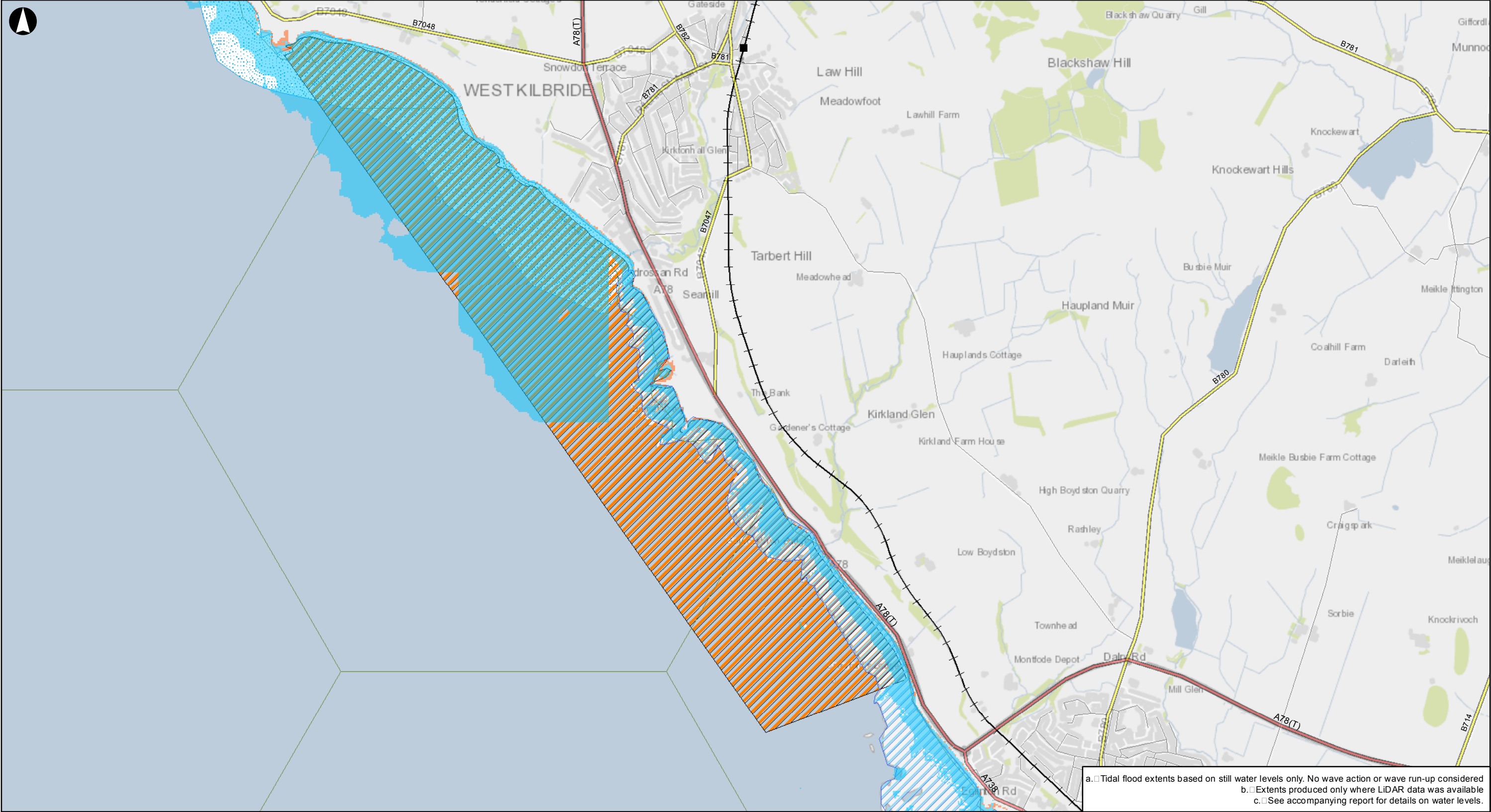
Final

Drawing No

018B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

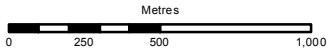
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Shoreline Waters
- Shellfish Growing Waters

- Recreational Waters
- Hotspots of Species Richness

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 19A
Estimated 1 in 1 year tidal flood
extents
Plan 19 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

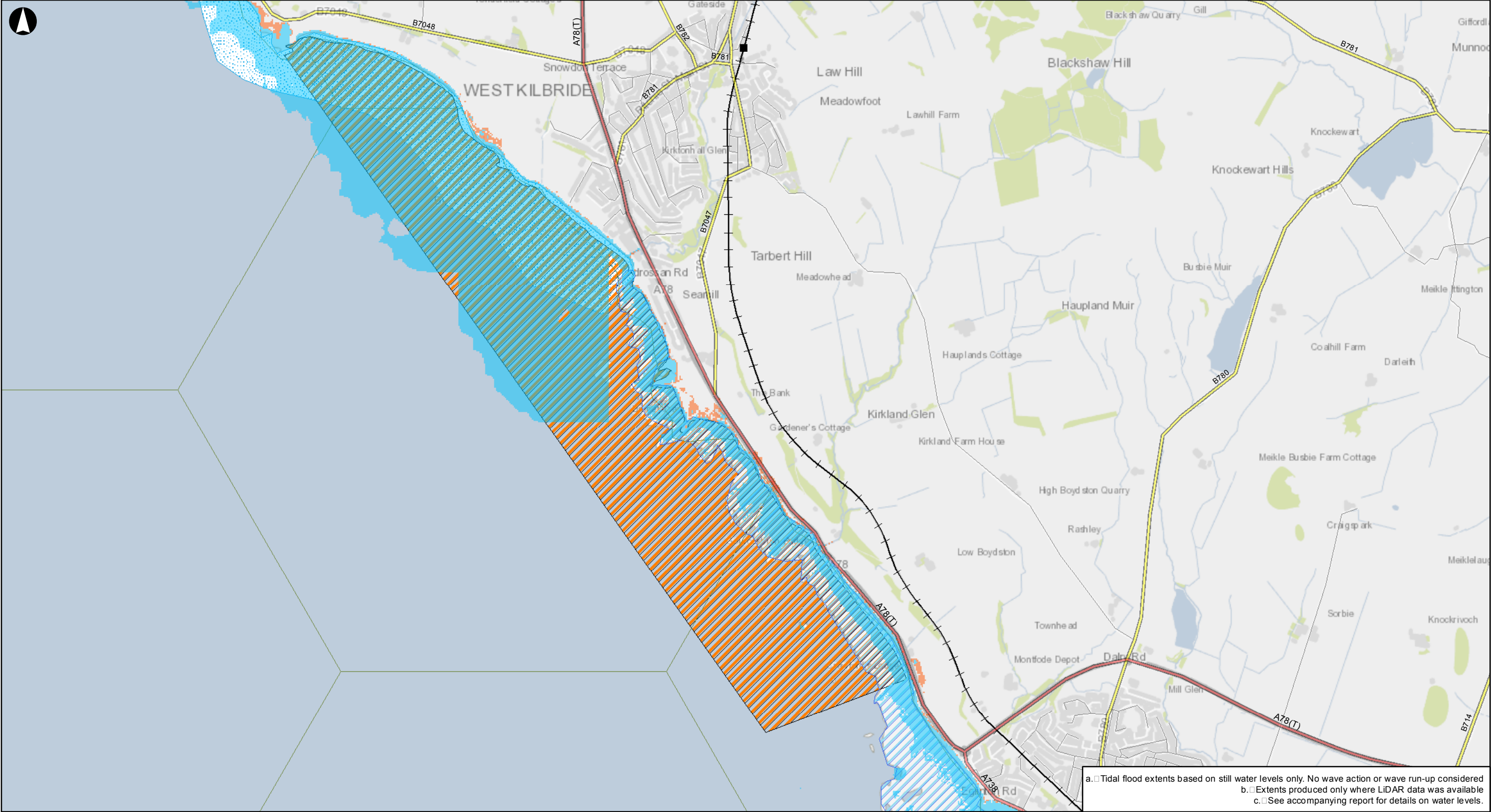
Final

Drawing No

019A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

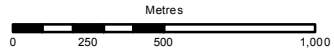
- Train Stations
- A Roads
- B Roads
- Minor Roads
- + Railway
- ▨ Shoreline Waters
- ▨ Shellfish Growing Waters

▨ Recreational Waters

▨ Hotspots of Species Richness

Tidal Flood Extents

- ▨ 1 in 200 year tidal flood extent - Baseline 2008
- ▨ 1 in 200 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 19B
Estimated 1 in 200 year tidal flood
extents
Plan 19 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

Final

Drawing No

019B

Issue

P0





a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

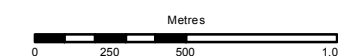
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Shoreline Waters
- Shellfish Growing Waters
- Scotland Important Bird Areas
- Recreational Waters
- Hotspots of Species Richness
- Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 20B
Estimated 1 in 200 year tidal flood
extents
Plan 20 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

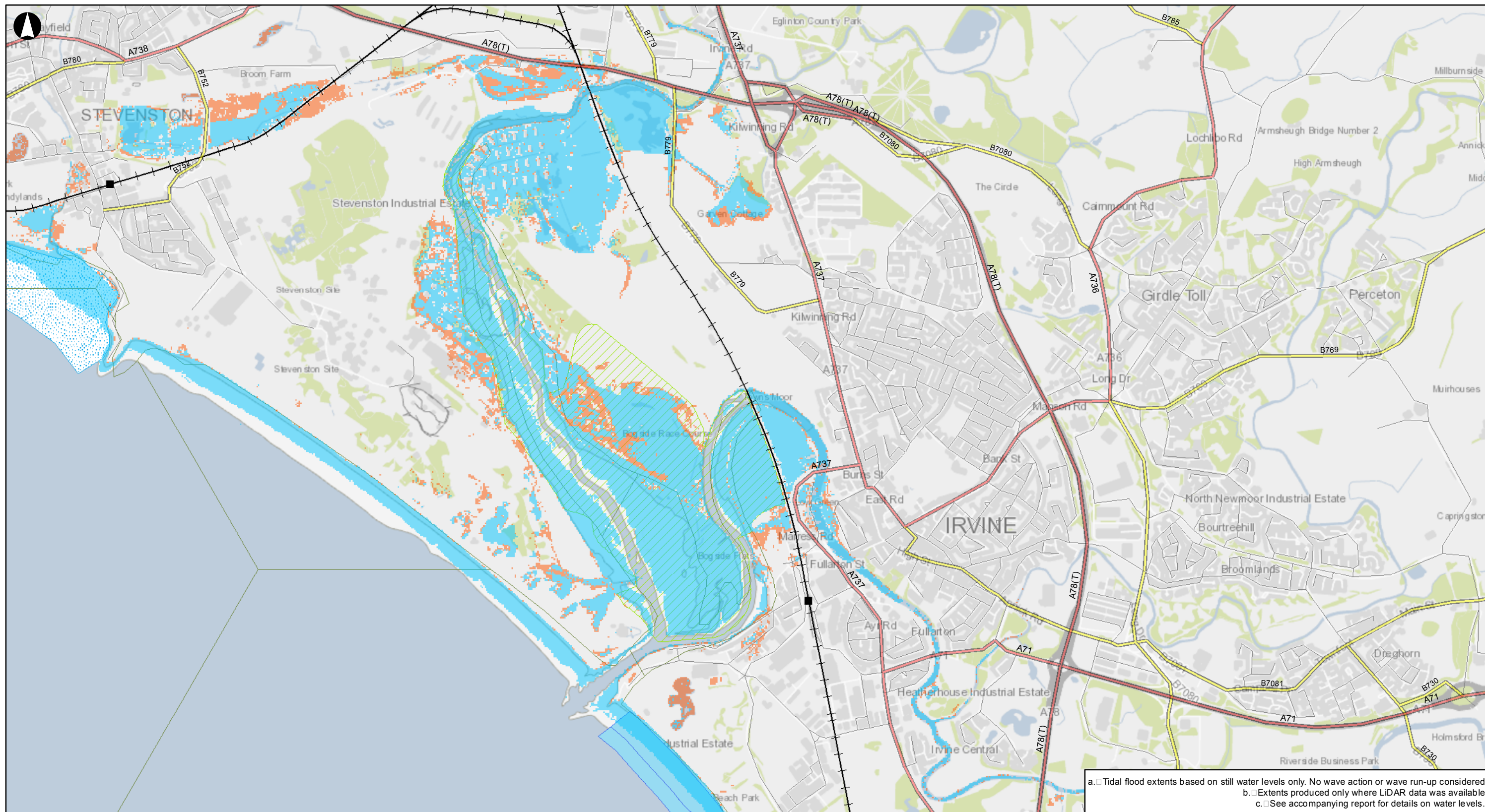
Final

Drawing No

020B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

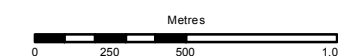
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Recreational Waters
- Hotspots of Species Richness
- Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 21B
Estimated 1 in 200 year tidal flood
extents
Plan 21 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

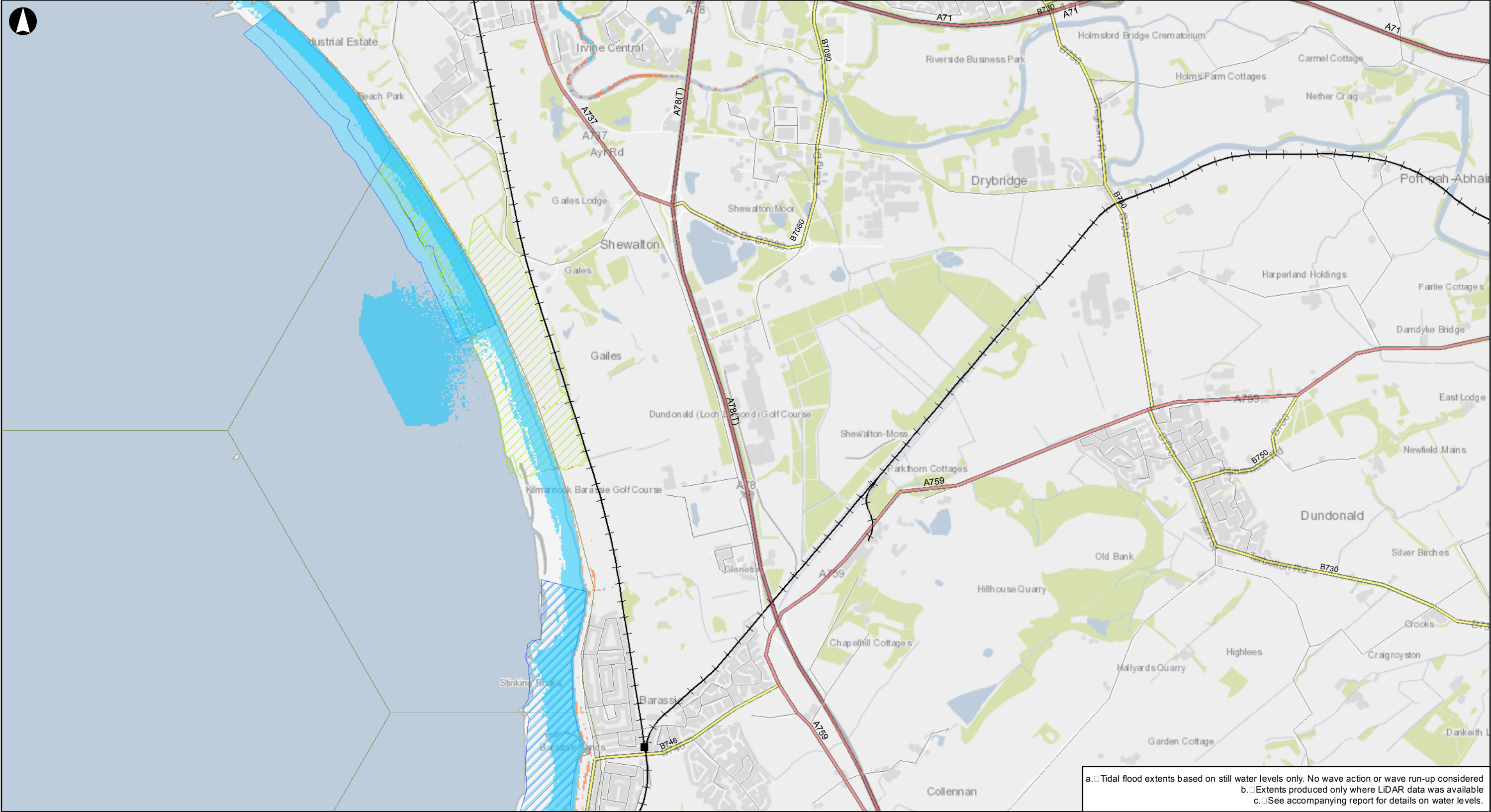
Final

Drawing No

021B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

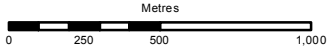
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- + Railway
- ▨ Sites of Special Scientific Interest (SSSI)

- ▨ Shoreline Waters
- ▨ Hotspots of Species Richness
- ▨ Bathing Waters

Tidal Flood Extents

- ▨ 1 in 1 year tidal flood extent - Baseline 2008
- ▨ 1 in 1 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 22A
Estimated 1 in 1 year tidal flood
extents
Plan 22 of 24**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

Final

Drawing No

022A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

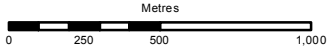
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Shoreline Waters
- Hotspots of Species Richness
- Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 22B
Estimated 1 in 200 year tidal flood
extents
Plan 22 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

Final

Drawing No

022B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

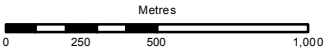
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- + Railway
- ▨ Sites of Special Scientific Interest (SSSI)

- ▨ Shoreline Waters
- ▨ Hotspots of Species Richness
- Dredge Sites
- Bathing Waters

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 23A
Estimated 1 in 1 year tidal flood
extents
Plan 23 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

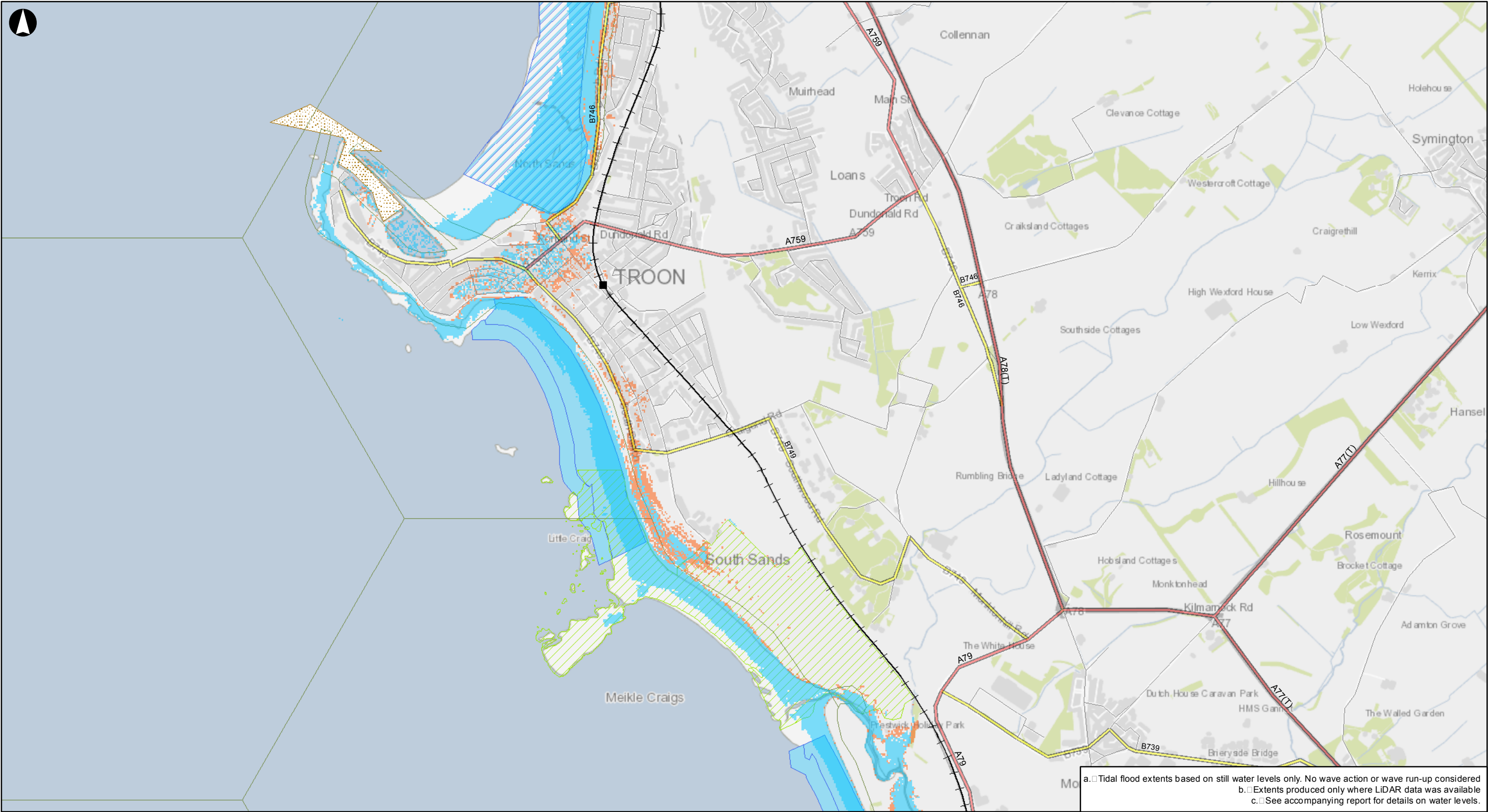
Final

Drawing No

023A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

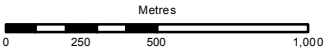
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Shoreline Waters
- Hotspots of Species Richness
- Dredge Sites
- Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 23B
Estimated 1 in 200 year tidal flood
extents
Plan 23 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

Final

Drawing No

023B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

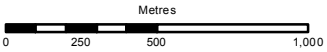
- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

Hotspots of Species Richness

Bathing Waters

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 24A
Estimated 1 in 1 year tidal flood
extents
Plan 24 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing No
024A

Drawing Status

Final

Issue

P0



Legend

Transport Infrastructure

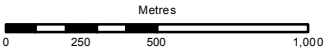
- Train Stations
- A Roads
- B Roads
- Minor Roads
- + Railway
- ▨ Sites of Special Scientific Interest (SSSI)

Hotspots of Species Richness

Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 24B
Estimated 1 in 200 year tidal flood
extents
Plan 24 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

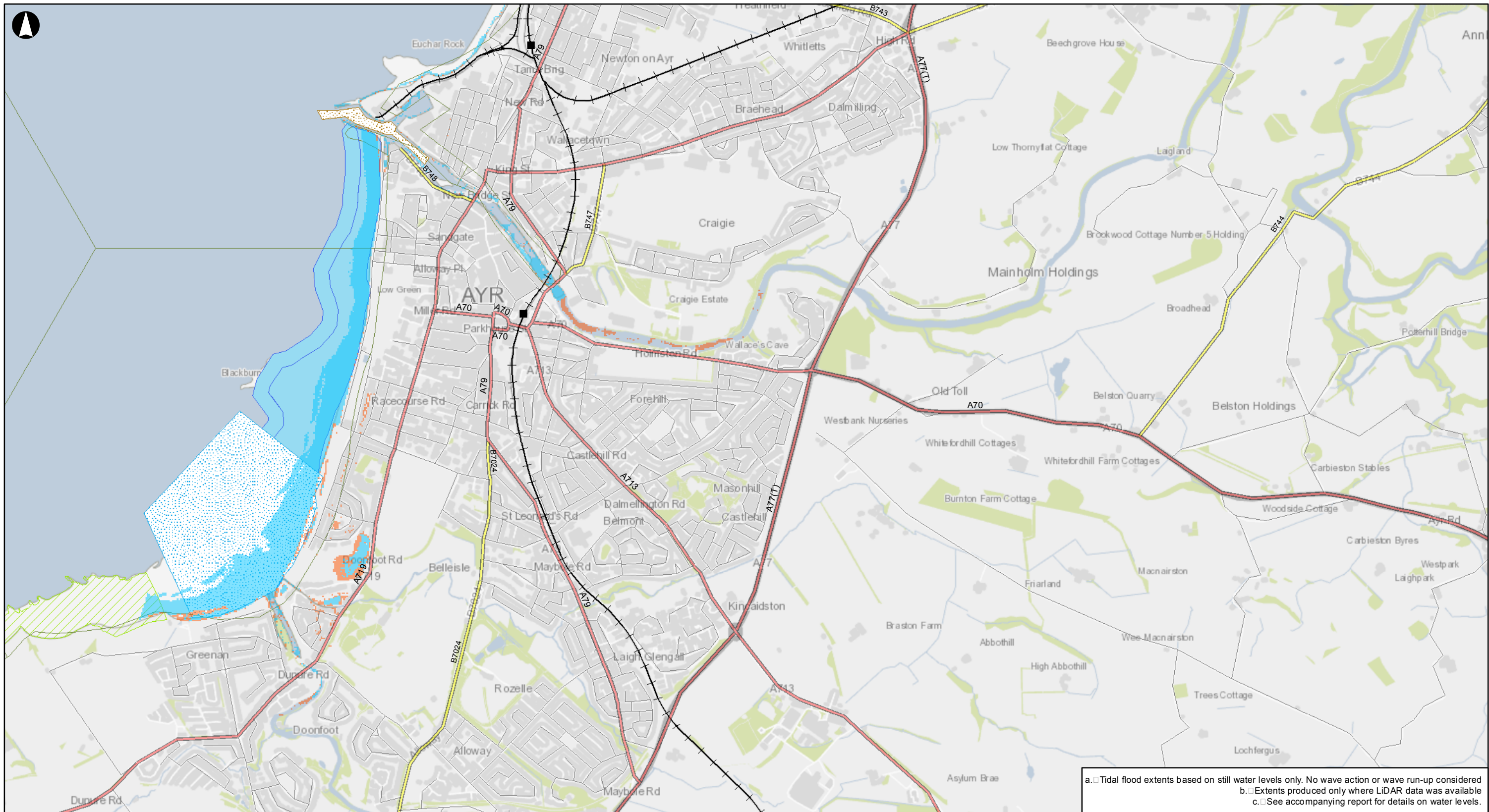
Final

Drawing No

024B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

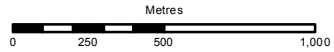
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Recreational Waters
- Hotspots of Species Richness
- Dredge Sites
- Bathing Waters

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Overview Plan 25A
Estimated 1 in 1 year tidal flood
extents
Plan 25 of 29**

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

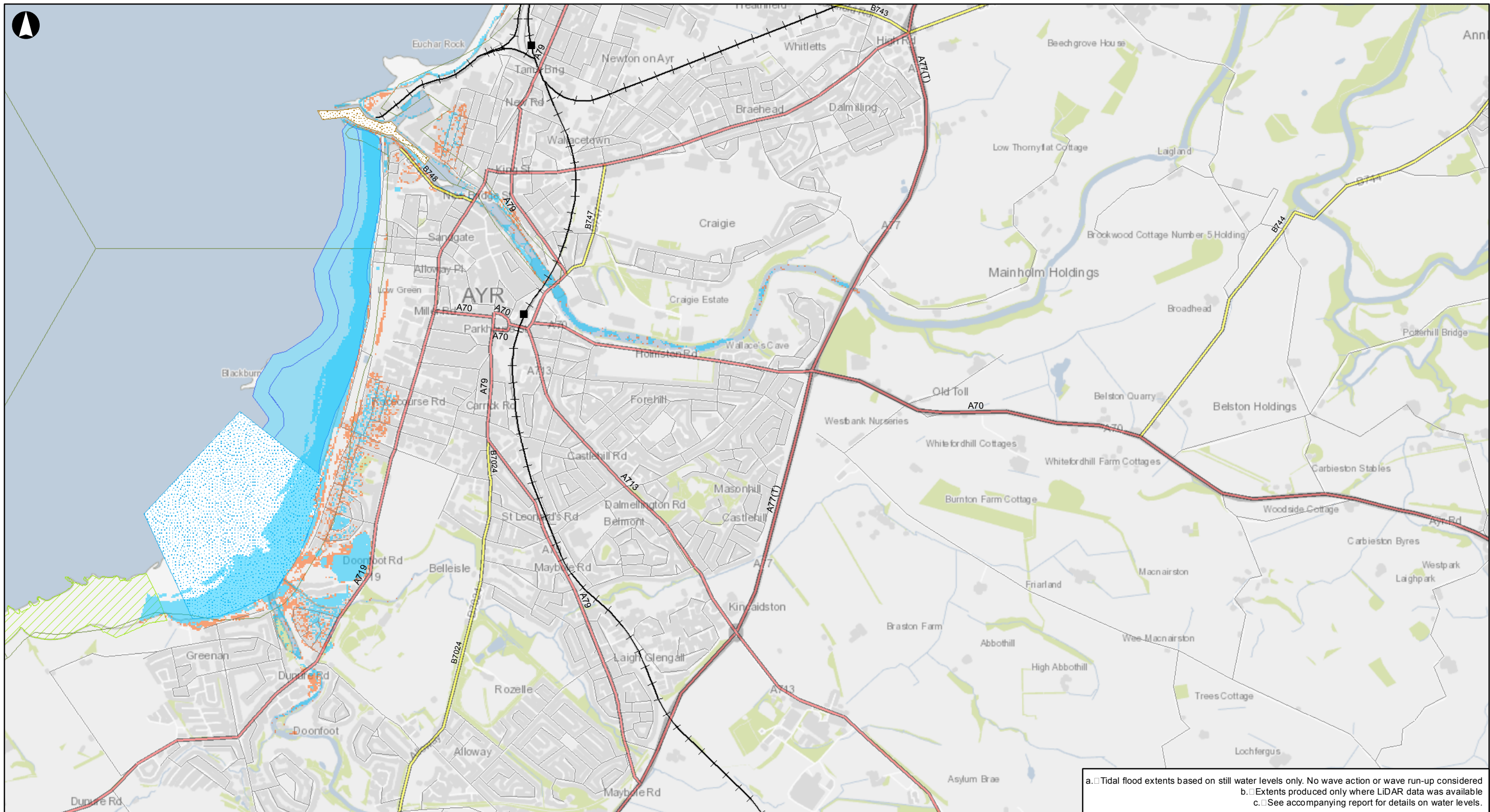
Final

Drawing No

025A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

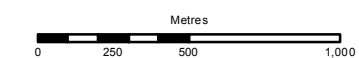
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Recreational Waters
- Hotspots of Species Richness
- Dredge Sites
- Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 25B
Estimated 1 in 200 year tidal flood
extents
Plan 25 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

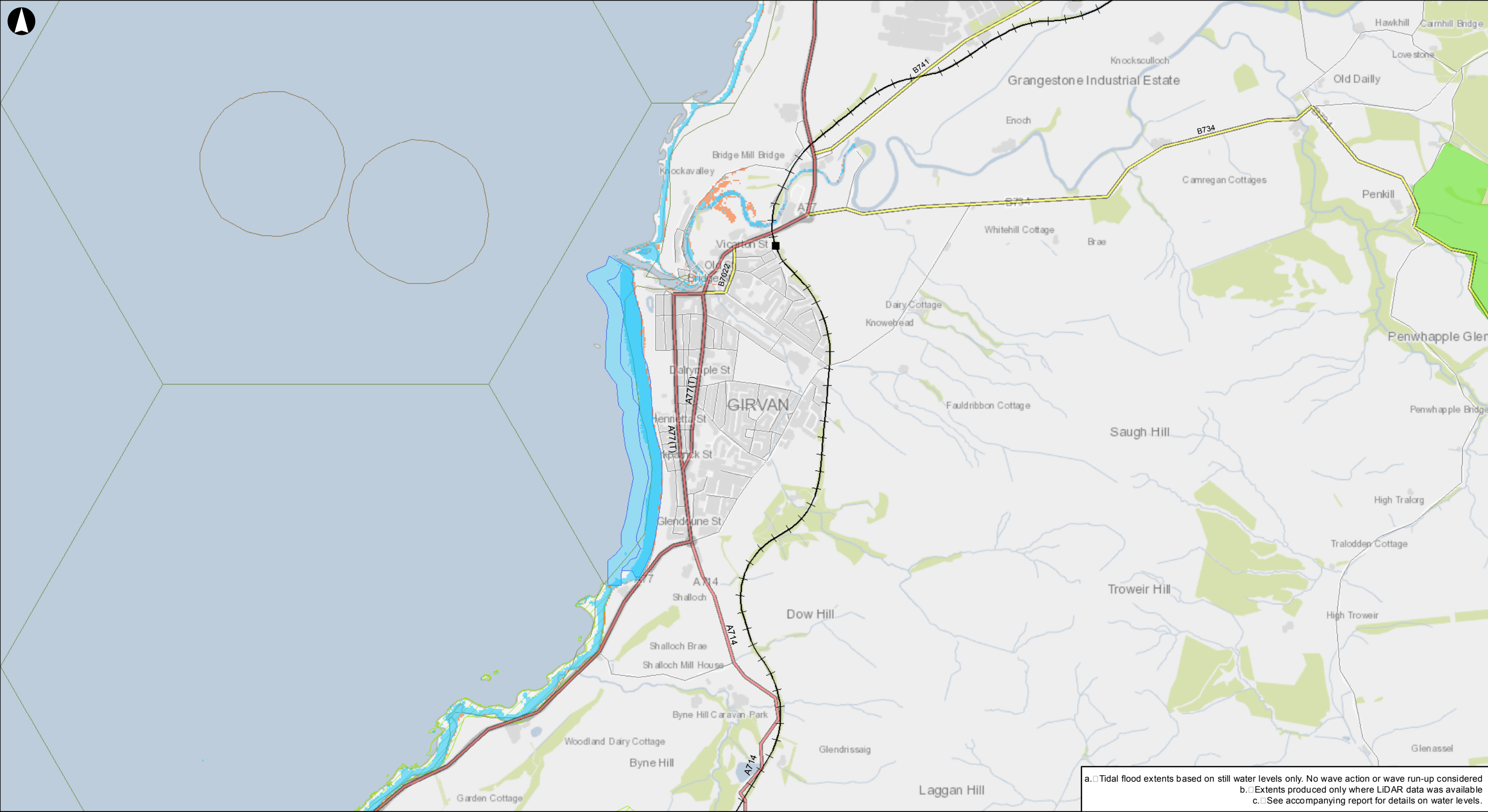
Final

Drawing No

025B

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

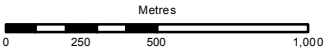
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Spoil Dump Sites
- Hotspots of Species Richness
- Environmentally Sensitive Areas
- Bathing Waters

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 26A
Estimated 1 in 1 year tidal flood
extents
Plan 26 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

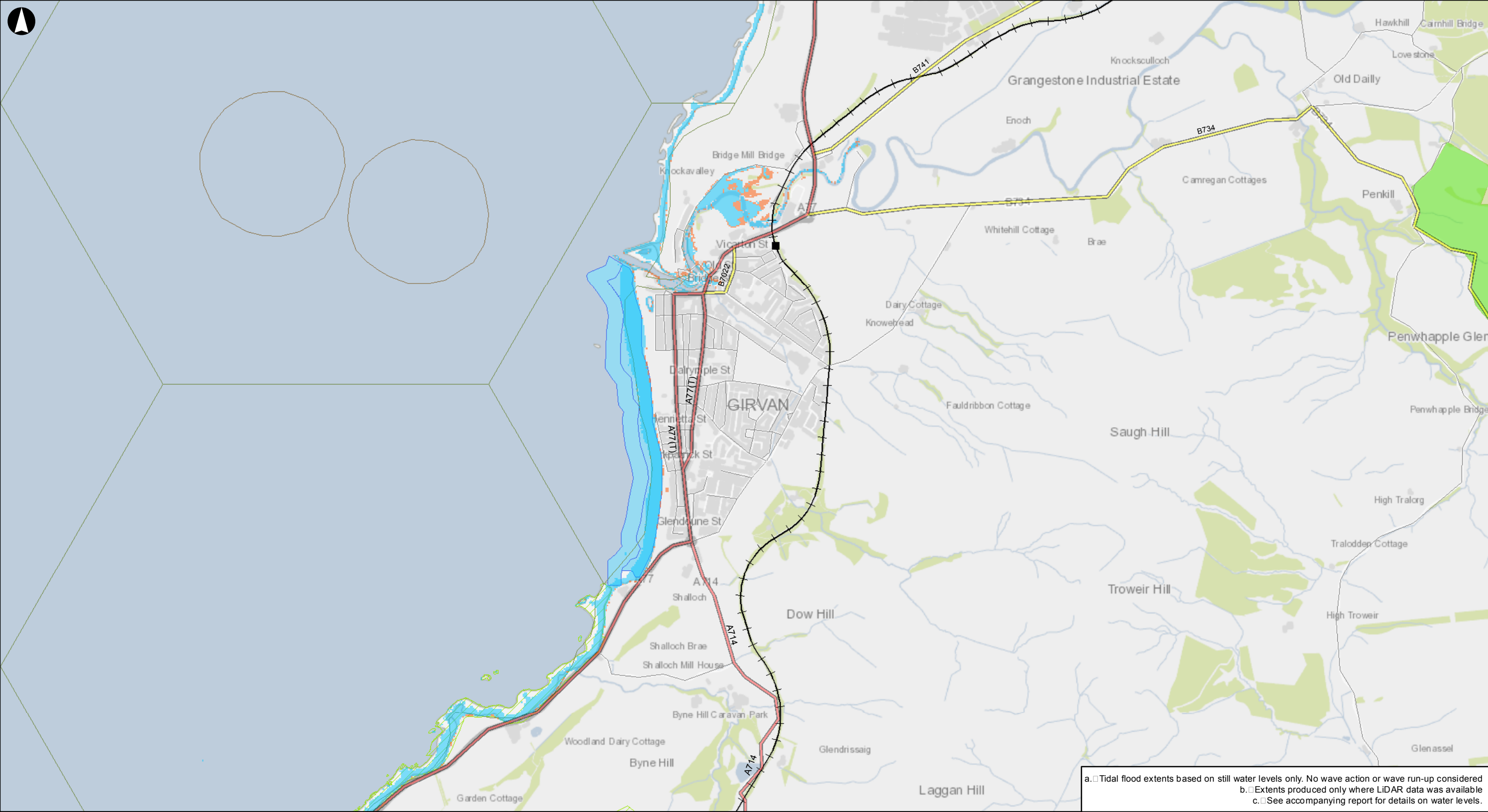
Final

Drawing No

026A

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

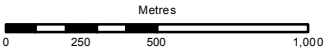
Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)

- Spoil Dump Sites
- Hotspots of Species Richness
- Environmentally Sensitive Areas
- Bathing Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 26B
Estimated 1 in 200 year tidal flood
extents
Plan 26 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

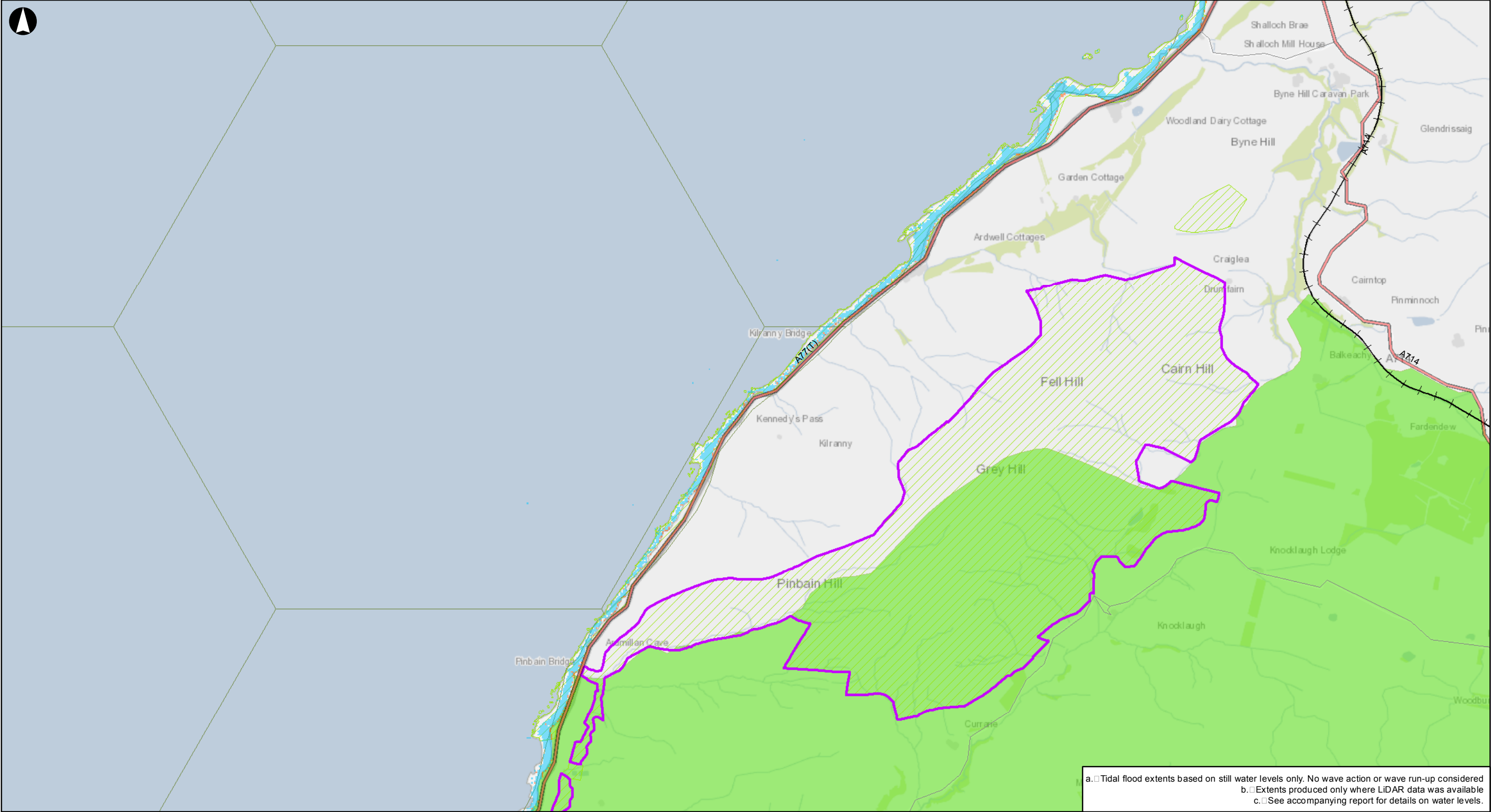
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Drawing No

026B

Issue

P0



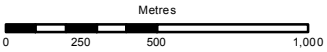
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 27A
Estimated 1 in 1 year tidal flood
extents
Plan 27 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

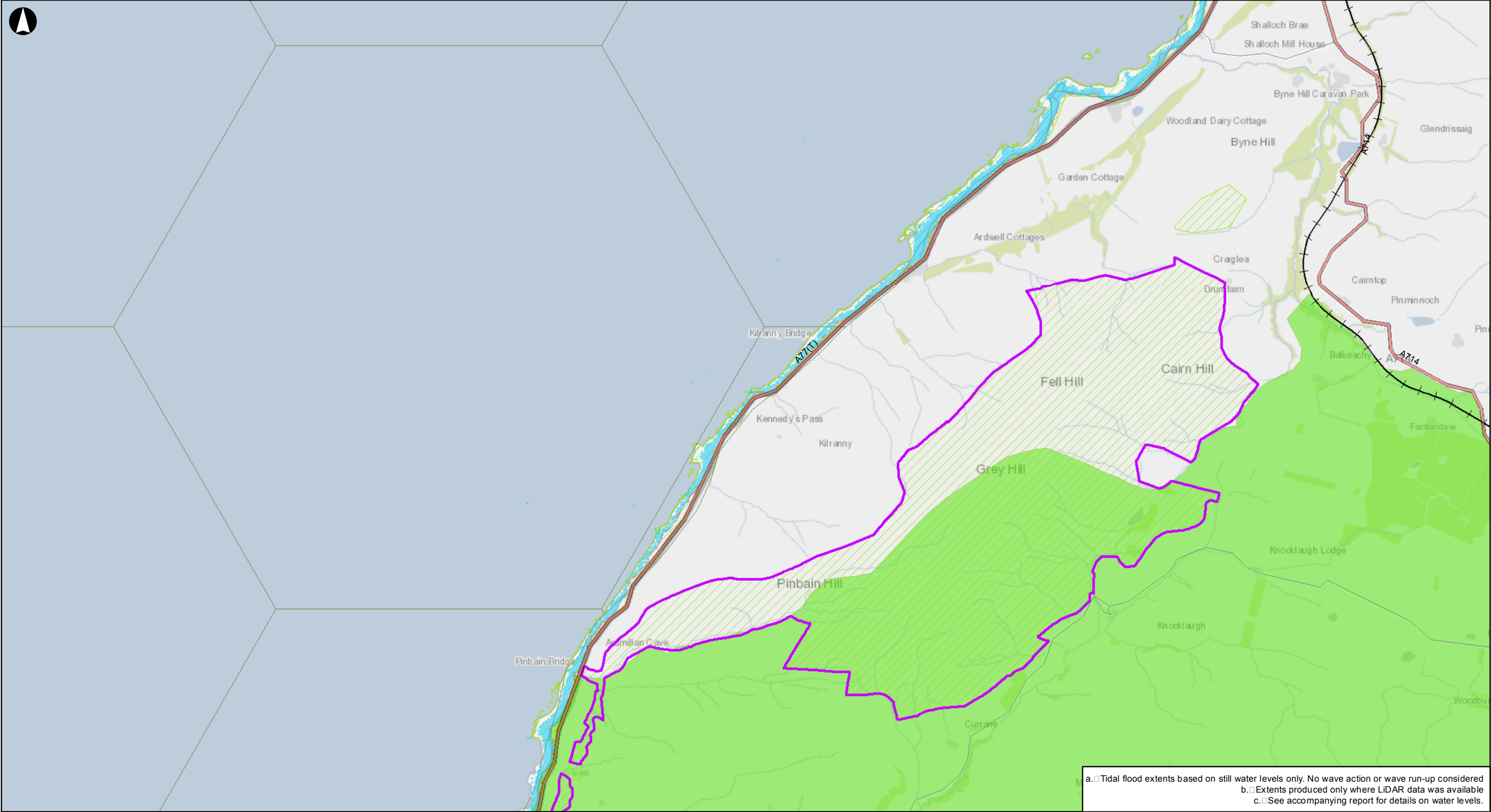
Final

Drawing No

027A

Issue

P0



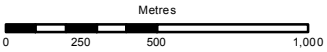
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- Minor Roads
- Railway
- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 27B
Estimated 1 in 200 year tidal flood
extents
Plan 27 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

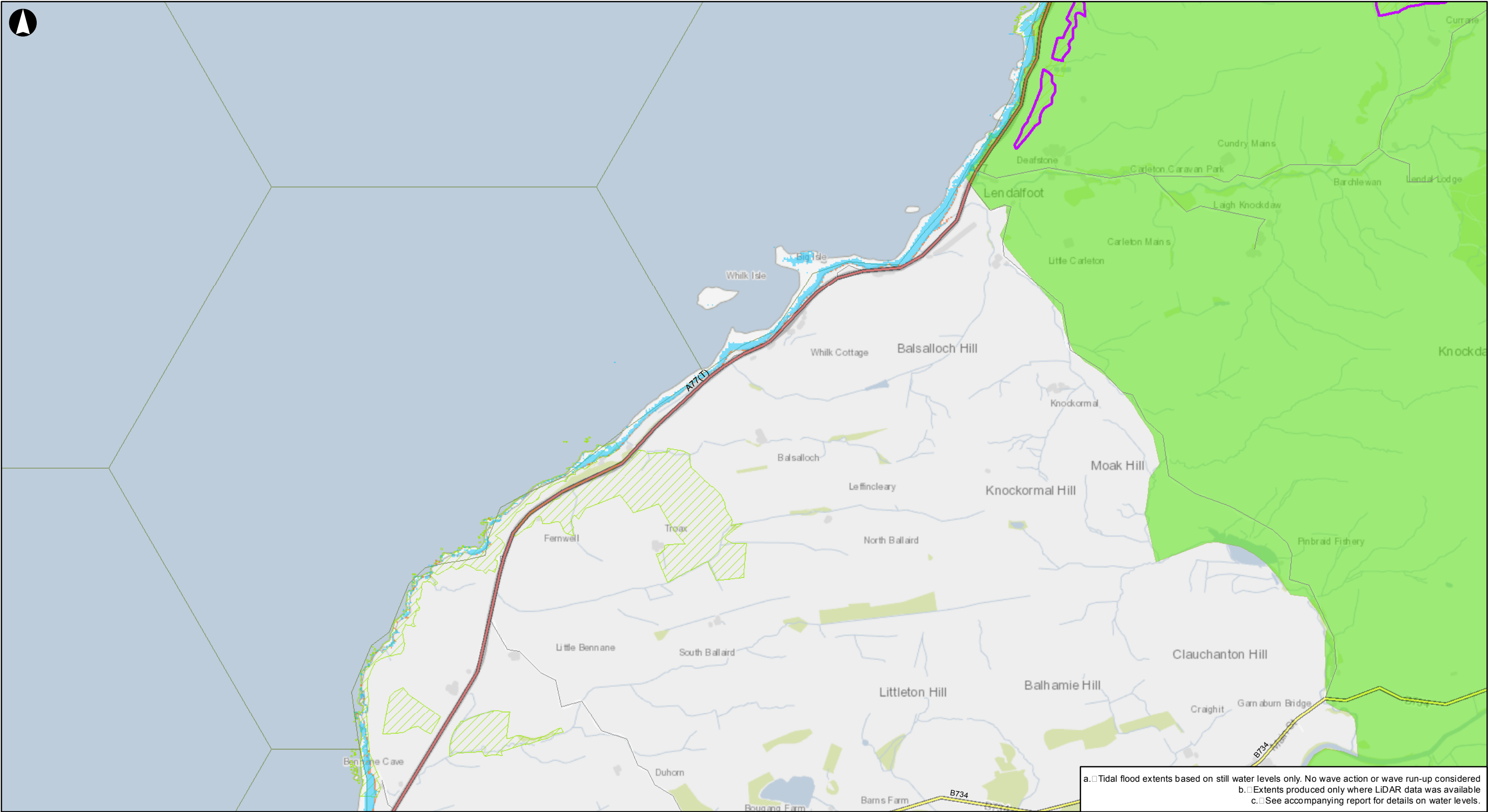
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Drawing No

027B

Issue

P0



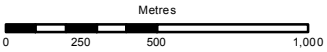
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 28A
Estimated 1 in 1 year tidal flood
extents
Plan 28 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

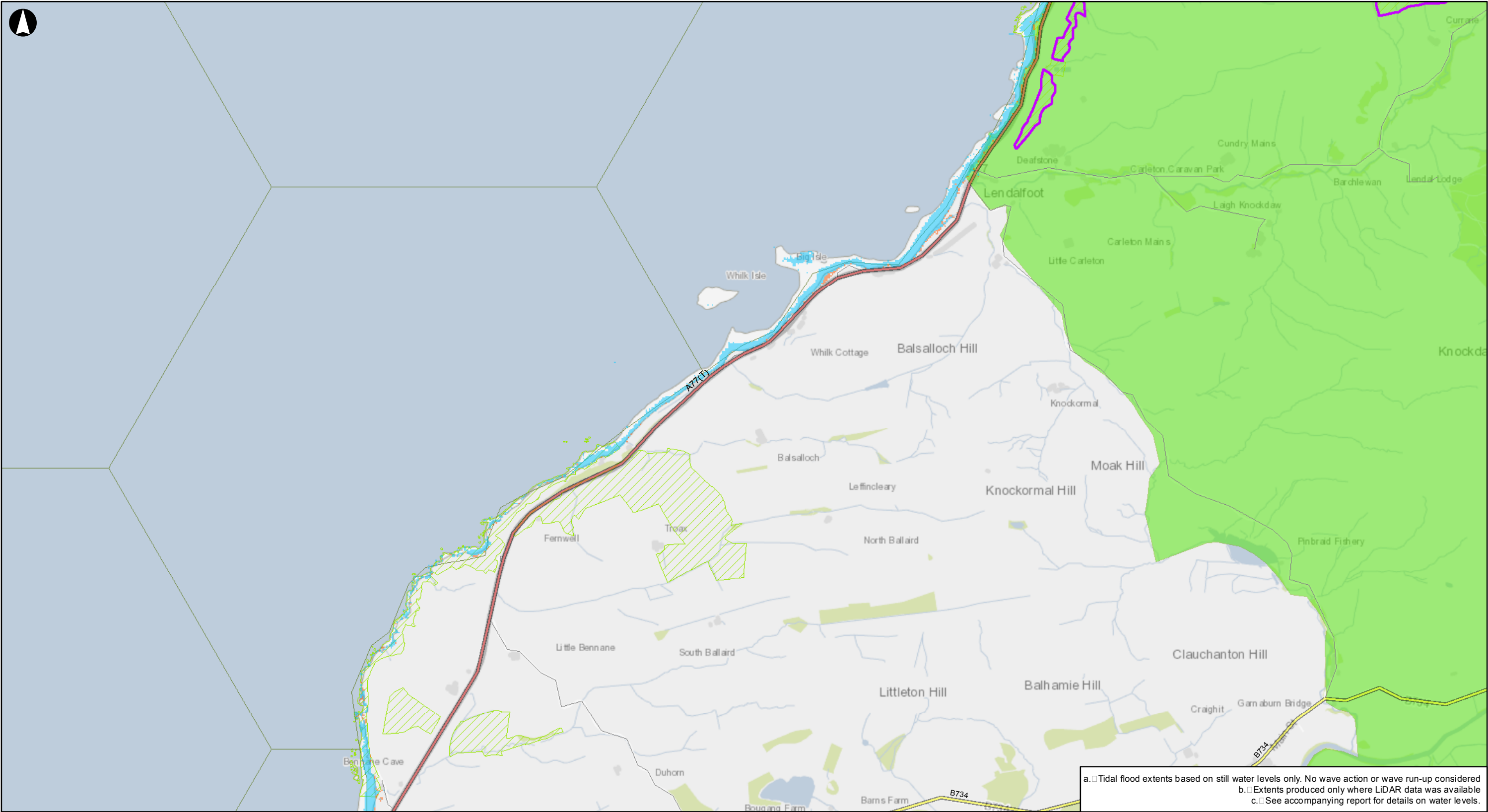
Final

Drawing No

028A

Issue

P0



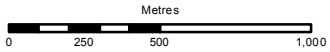
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 28B
Estimated 1 in 200 year tidal flood
extents
Plan 28 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

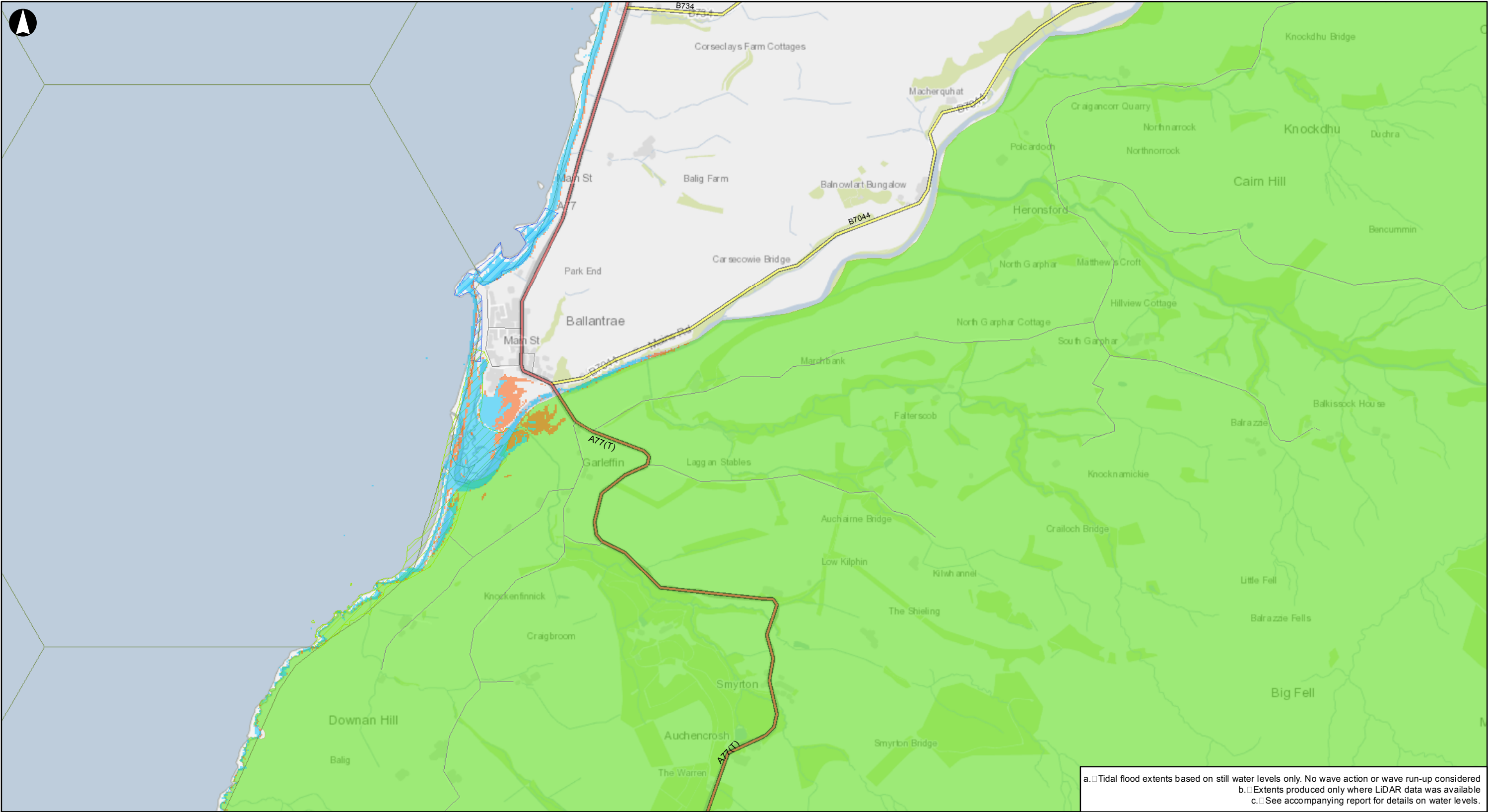
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Drawing No

028B

Issue

P0



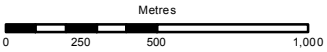
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Sites of Special Scientific Interest (SSSI)
- Shoreline Waters
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 29A
Estimated 1 in 1 year tidal flood
extents
Plan 29 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

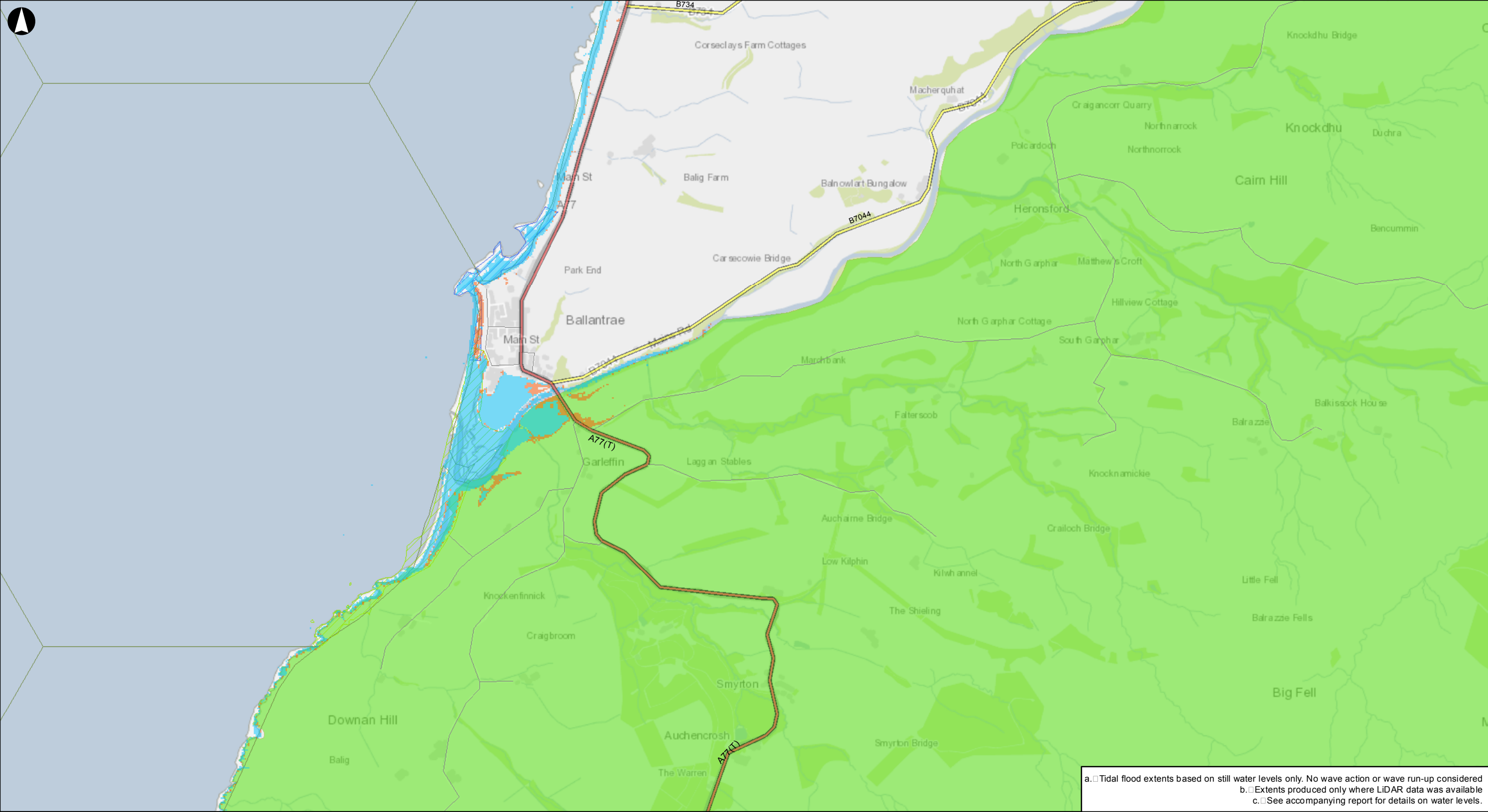
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Drawing No

029A

Issue

P0



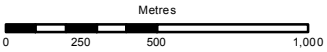
a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Sites of Special Scientific Interest (SSSI)
- Shoreline Waters
- Hotspots of Species Richness
- Environmentally Sensitive Areas

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Overview Plan 29B
Estimated 1 in 200 year tidal flood
extents
Plan 29 of 29

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

Final

Drawing No

029B

Issue

P0

LOCAL DEVELOPMENT PLAN – INVERCLYDE DETAIL



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Local Development Plans (LDP)
 - Development Opportunities
 - Indicative Housing Sites
 - Existing Coastal & Other Access Routes

- Proposed Coastal & Other Access Routes
- New Road Proposals
- Trunk Road
- Town Centres
- Business & Industry Opportunities
- Business & Industry
- Areas of Change
- Conservation Areas
- Sincs
- SSSIs
- Special Protection Areas

- Retail Opportunity Sites
- Open Spaces
- Housing Land
- Greenock Town Centre Primary Retail Core
- Greenock Town Centre Central Area
- Proposed Green Belt
- Tidal Flood Extents
 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 1 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

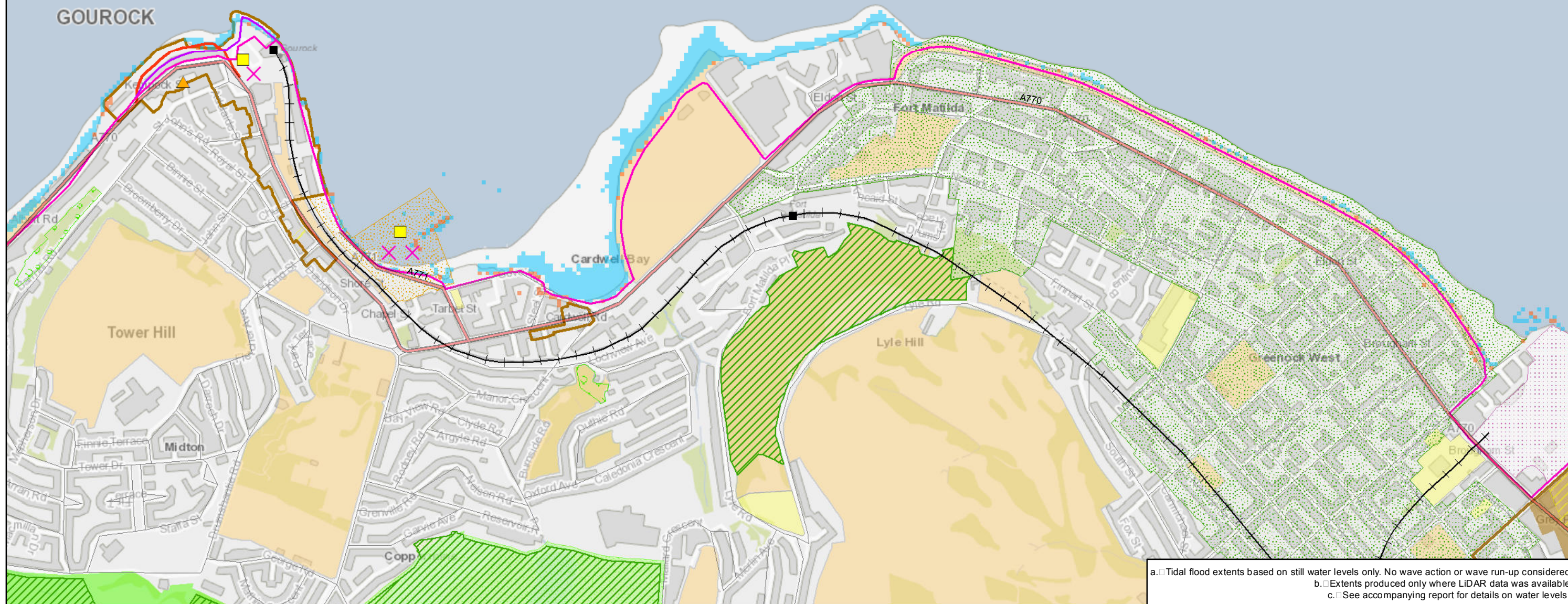
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Drawing No

001

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- Existing Coastal & Other Access Routes

Proposed Coastal & Other Access Routes

- New Road Proposals
- Town Centres
- Business & Industry
- Areas of Change
- Tree Preservation Orders
- Conservation Areas
- Sincs
- Open Spaces in the Green Belt
- Retail Opportunity Sites

- Open Spaces
- Housing Land
- Greenock Town Centre Central Area
- Proposed Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080

Metres
0 250 500

Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 2 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

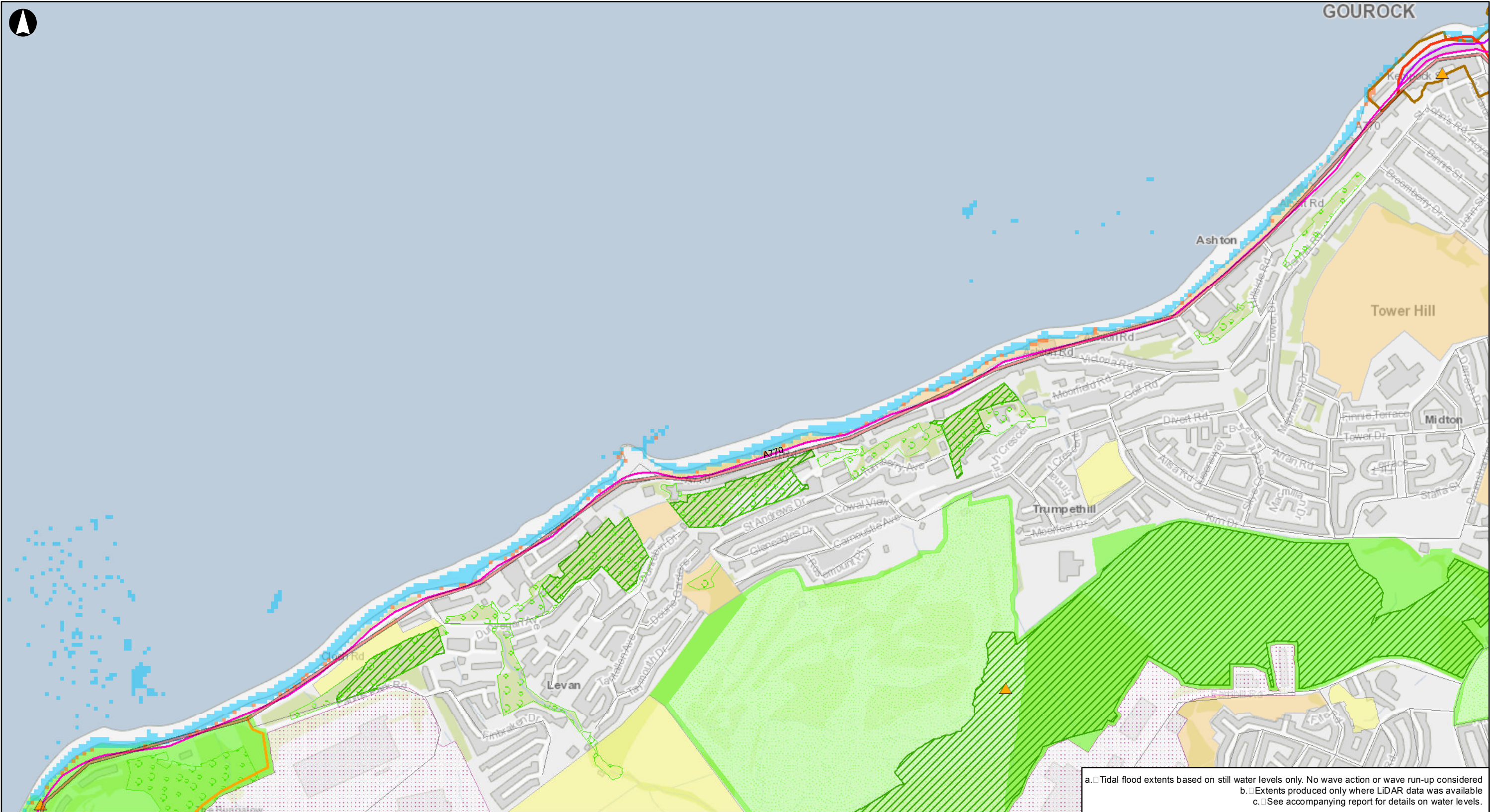
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Drawing No

002

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads

Local Development Plans (LDP)

- Development Opportunities
- Scheduled Monuments
- Clyde Muirshiel

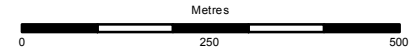
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- New Road Proposals
- Town Centres
- Business & Industry
- Tree Preservation Orders
- Sincs

- Open Spaces in the Green Belt
- Open Spaces
- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080

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Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 3 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

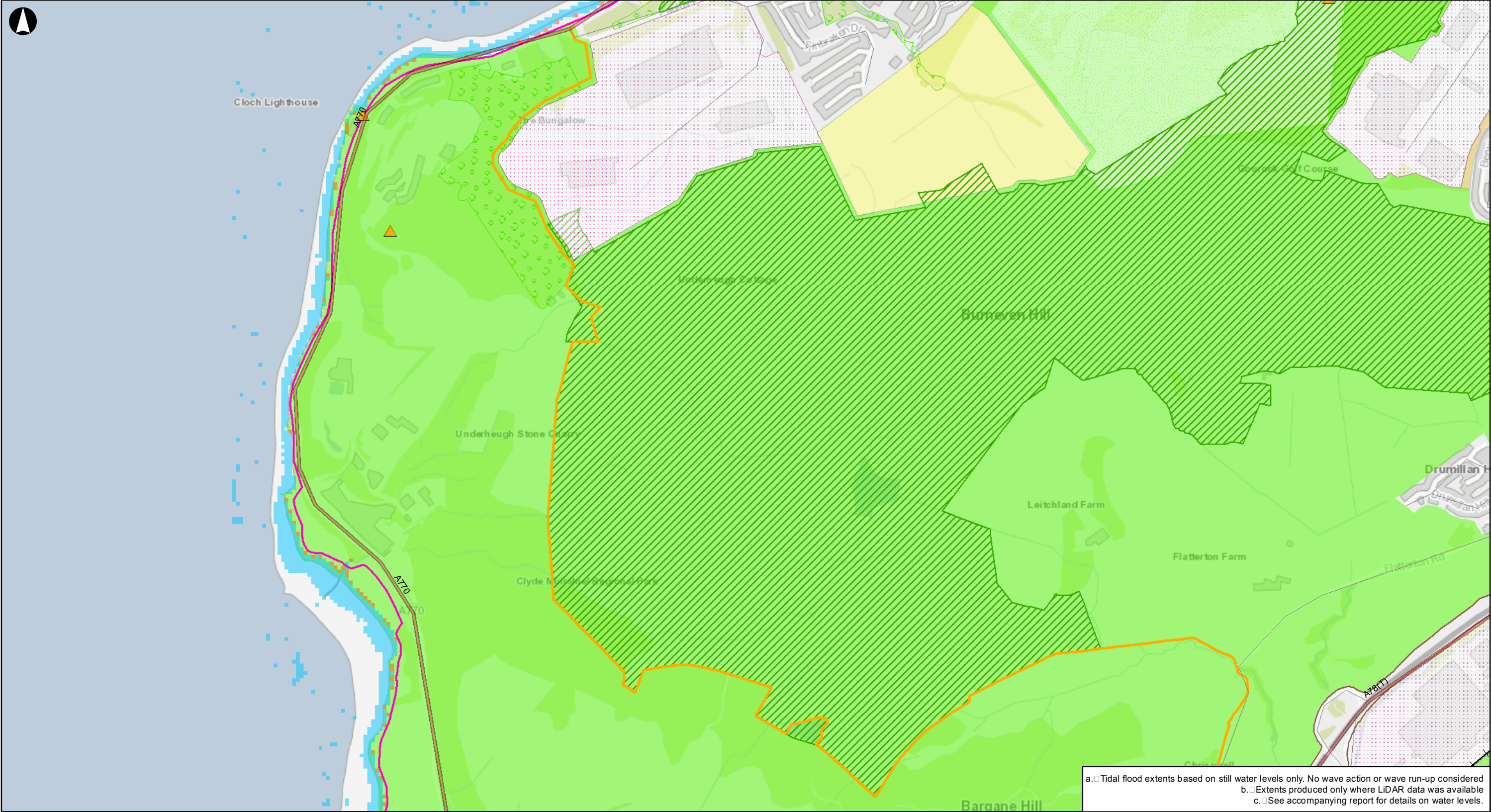
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Drawing No

003

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
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Legend

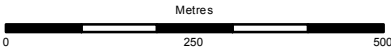
Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway
- Local Development Plans (LDP)
 - Development Opportunities
 - Scheduled Monuments
- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Business & Industry
- Areas of Change

- Tree Preservation Orders
- Sincs
- Open Spaces in the Green Belt
- Open Spaces
- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 4 of 8

Scale at A3

1:10,000

Job No

232094-00

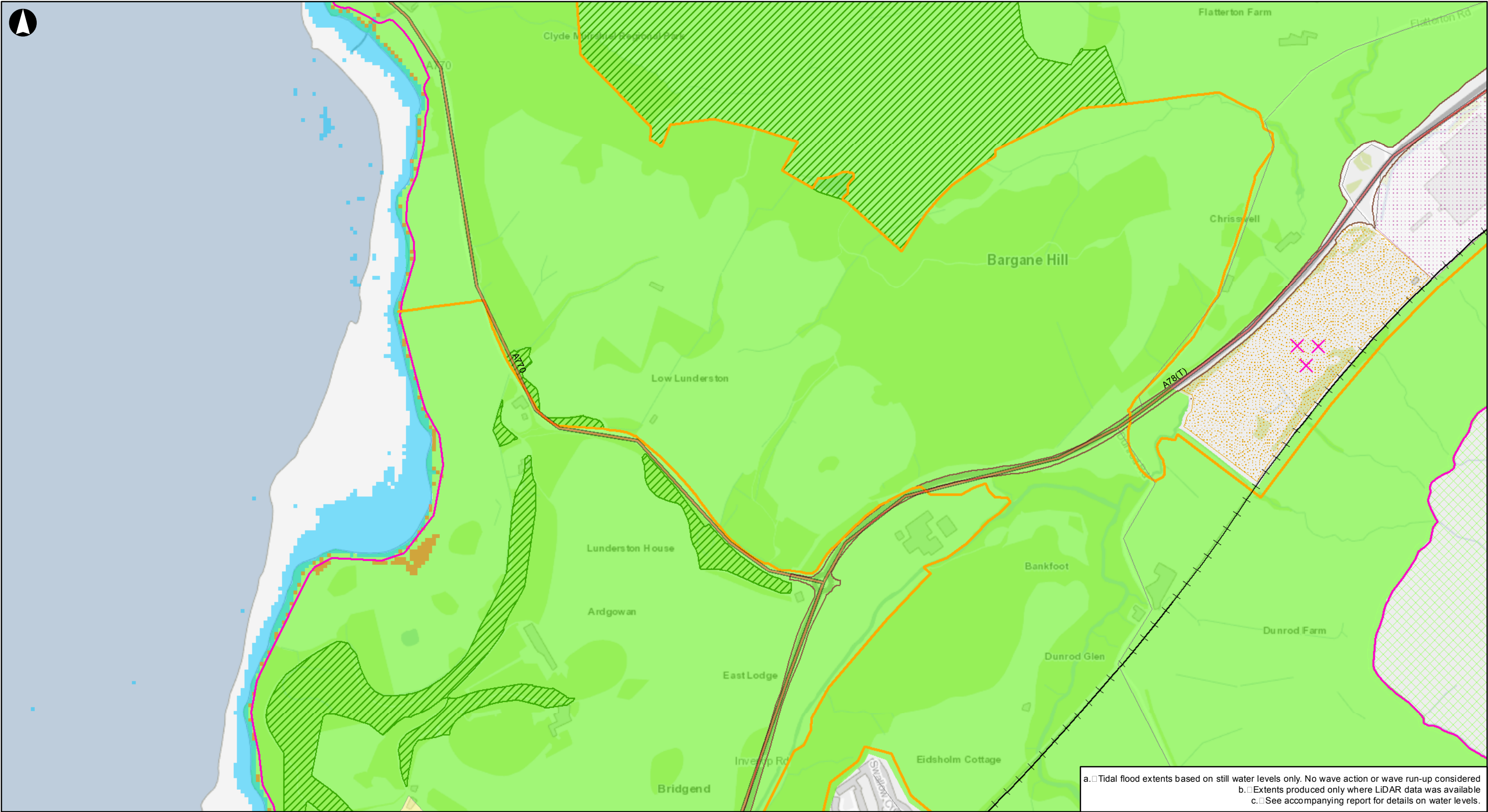
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004

Drawing Status

Final

Issue

P0



Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- +— Railway

Local Development Plans (LDP)

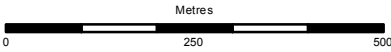
- ✕ Development Opportunities
- Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Business & Industry
- Areas of Change
- Sincs
- SSSIs

- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 5 of 8**

Scale at A3

1:10,000

Job No

232094-00

Drawing No

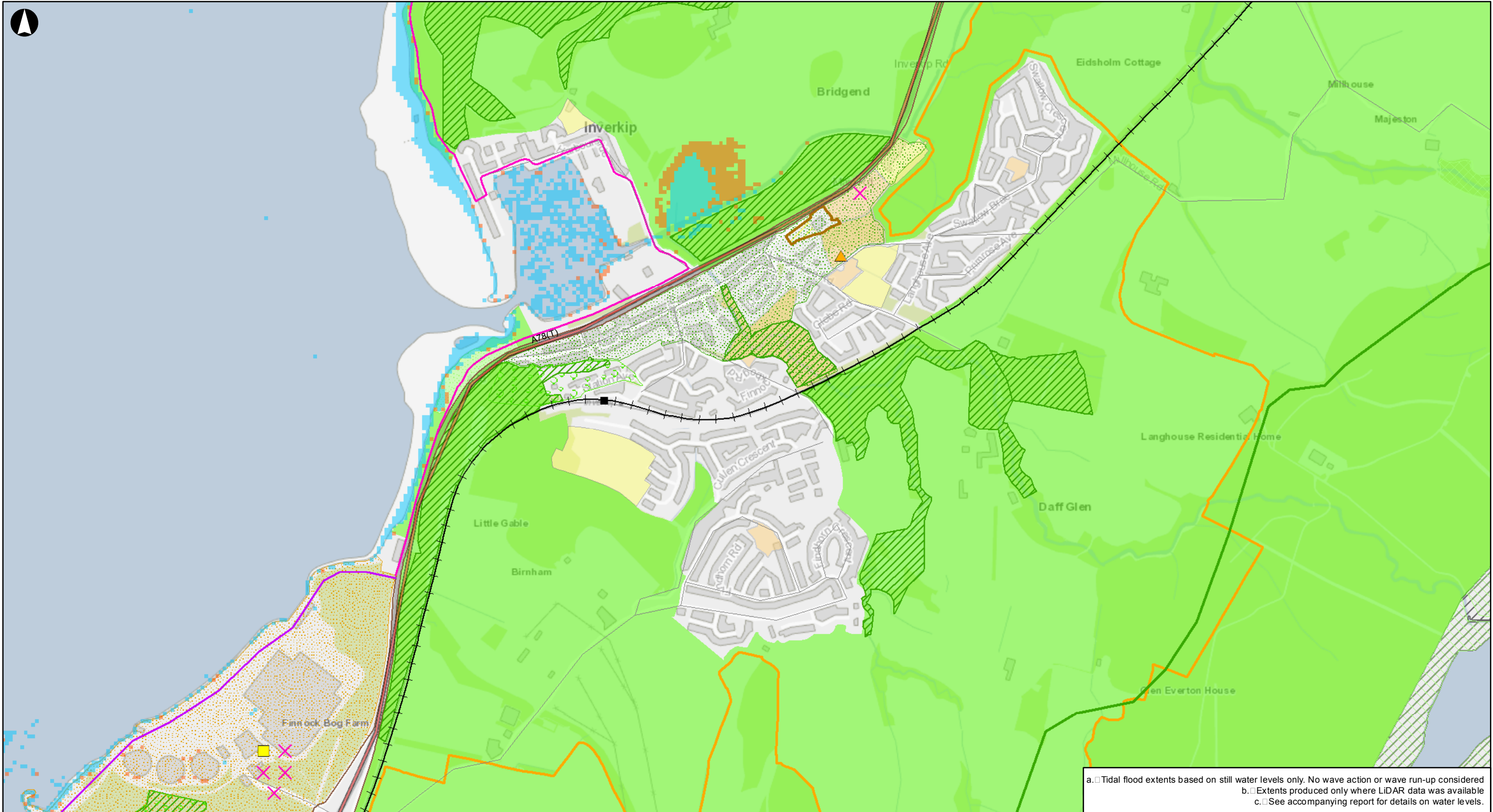
005

Drawing Status

Final

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- West Renfrew Hills Scenic Area
- Clyde Muirshiel

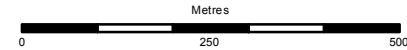
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Town Centres
- Areas of Change
- Tree Preservation Orders
- Conservation Areas
- Sincs
- SSSIs
- Special Protection Areas

- Open Spaces in the Green Belt
- Retail Opportunity Sites
- Open Spaces
- Housing Land
- Proposed Green Belt
- SINCs

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080

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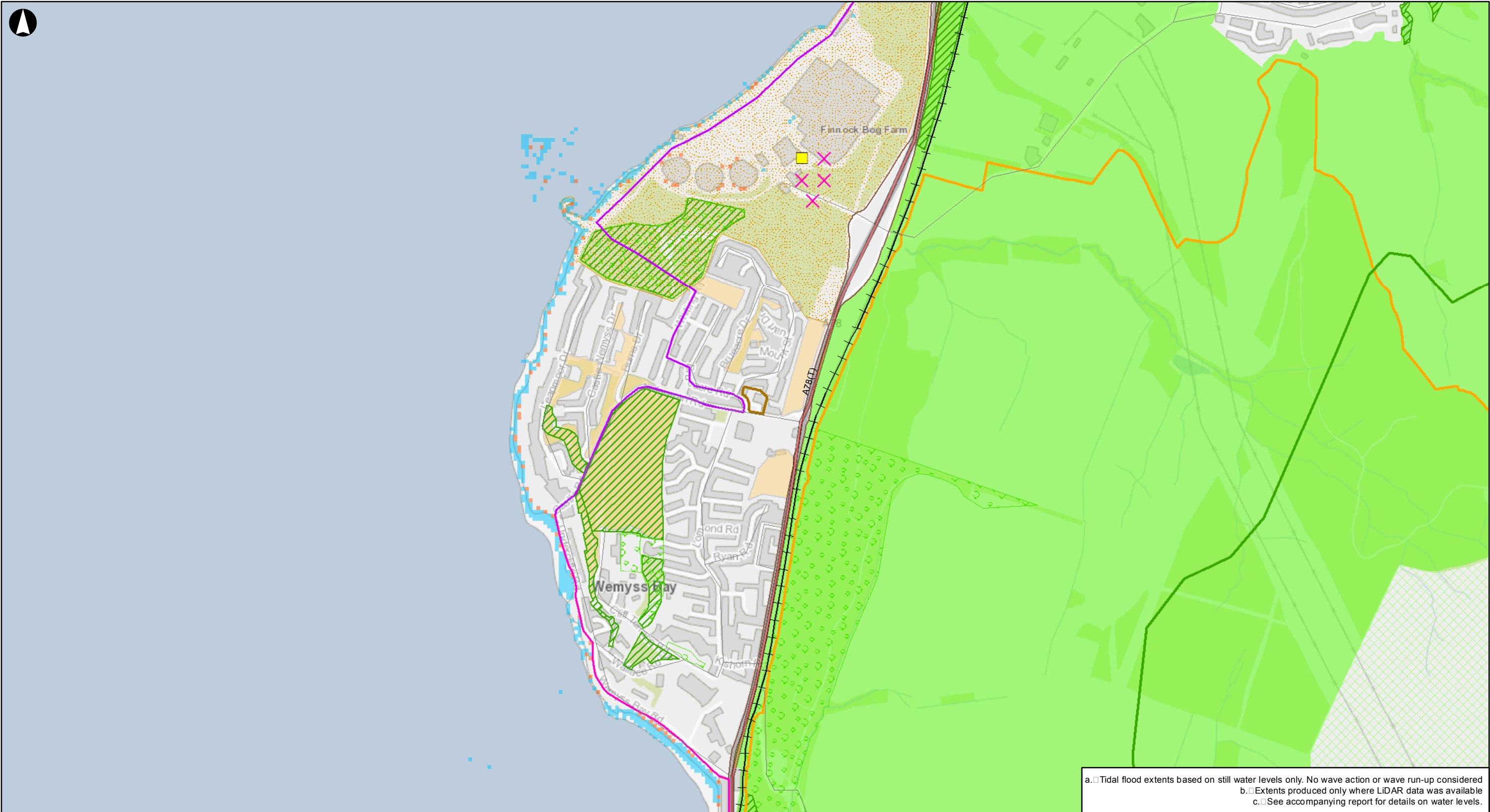
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 6 of 8**

Scale at A3
1:10,000

Job No 232094-00	Drawing Status Final
Drawing No 006	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- West Renfrew Hills Scenic Area
- Clyde Muirshiel

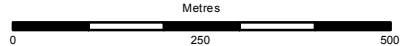
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Town Centres
- Areas of Change
- Tree Preservation Orders
- Sincs
- SSSIs

Special Protection Areas

- Open Spaces
- Proposed Green Belt

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 7 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

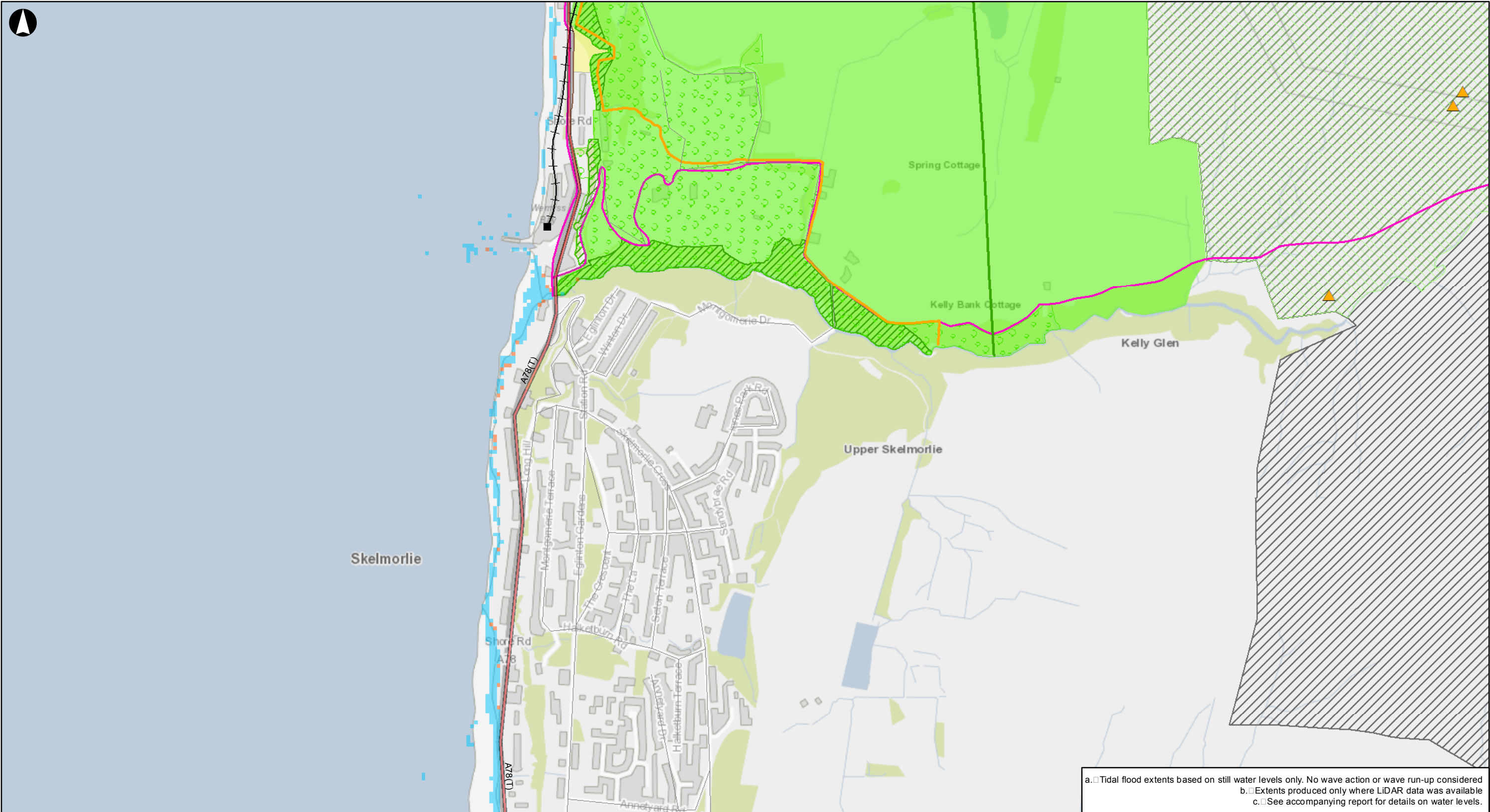
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Drawing No

007

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

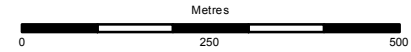
- Development Opportunities
- Scheduled Monuments

- West Renfrew Hills Scenic Area
- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Tree Preservation Orders

- Sincs
- SSSIs
- Special Protection Areas
- Housing Land
- Proposed Green Belt
- SINCs

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080



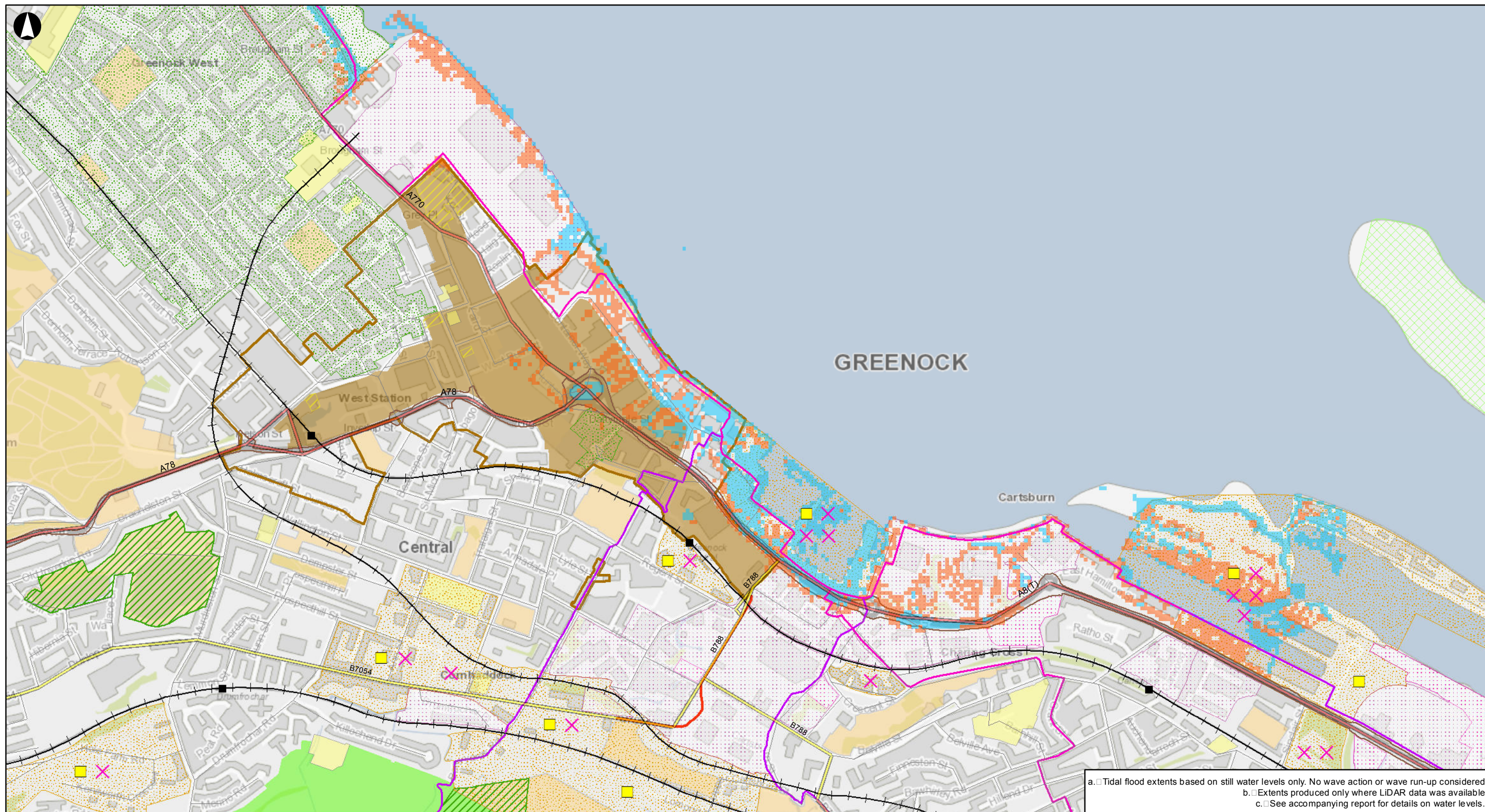
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 1 year
tidal flood extents
Plan 8 of 8**

Scale at A3
1:10,000

Job No	Drawing Status
232094-00	Final
Drawing No	Issue
008	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Local Development Plans (LDP)
 - Development Opportunities
 - Indicative Housing Sites
 - Existing Coastal & Other Access Routes

- Proposed Coastal & Other Access Routes
- New Road Proposals
- Trunk Road
- Town Centres
- Business & Industry Opportunities
- Business & Industry
- Areas of Change
- Conservation Areas
- Sincs
- SSSIs
- Special Protection Areas

- Retail Opportunity Sites
- Open Spaces
- Housing Land
- Greenock Town Centre Primary Retail Core
- Greenock Town Centre Central Area
- Proposed Green Belt
- Tidal Flood Extents
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 1 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

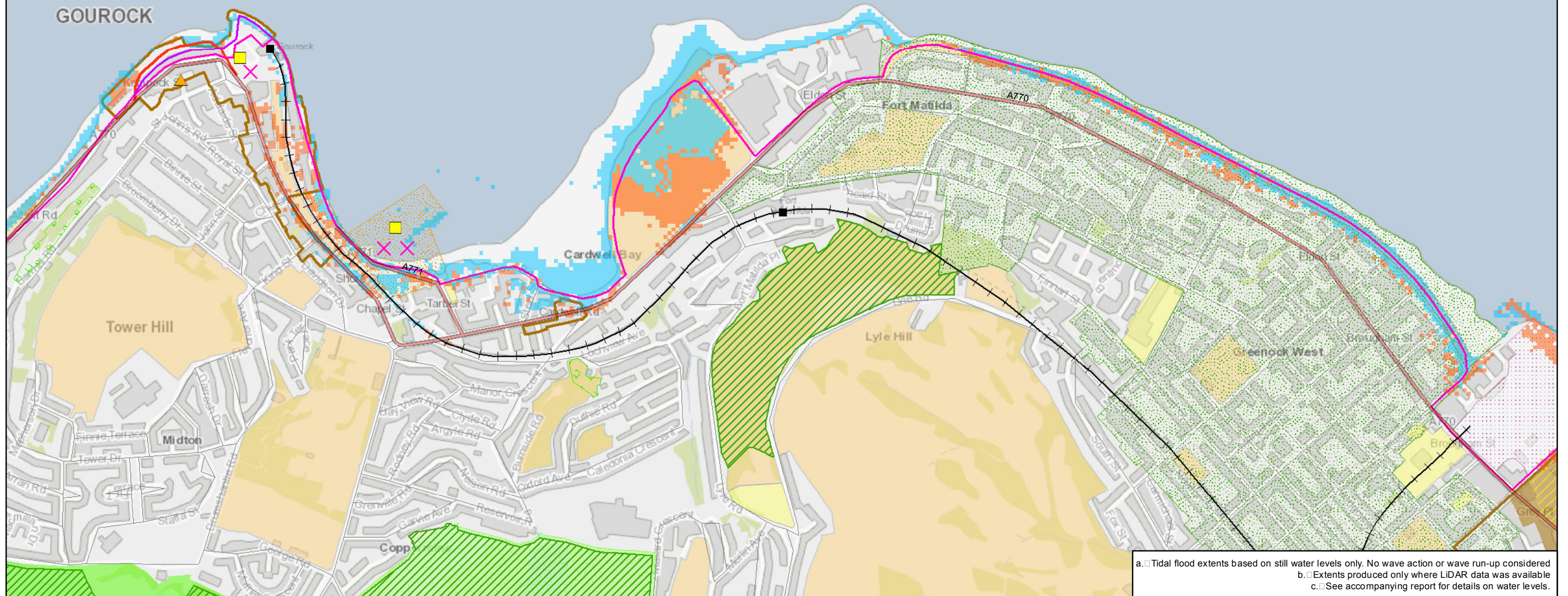
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Drawing No

010

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- Existing Coastal & Other Access Routes

Proposed Coastal & Other Access Routes

- New Road Proposals
- Town Centres
- Business & Industry
- Areas of Change
- Tree Preservation Orders
- Conservation Areas
- Sincs
- Open Spaces in the Green Belt
- Retail Opportunity Sites

- Open Spaces
- Housing Land
- Greenock Town Centre Central Area
- Proposed Green Belt

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080

Metres
0 250 500

Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 2 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

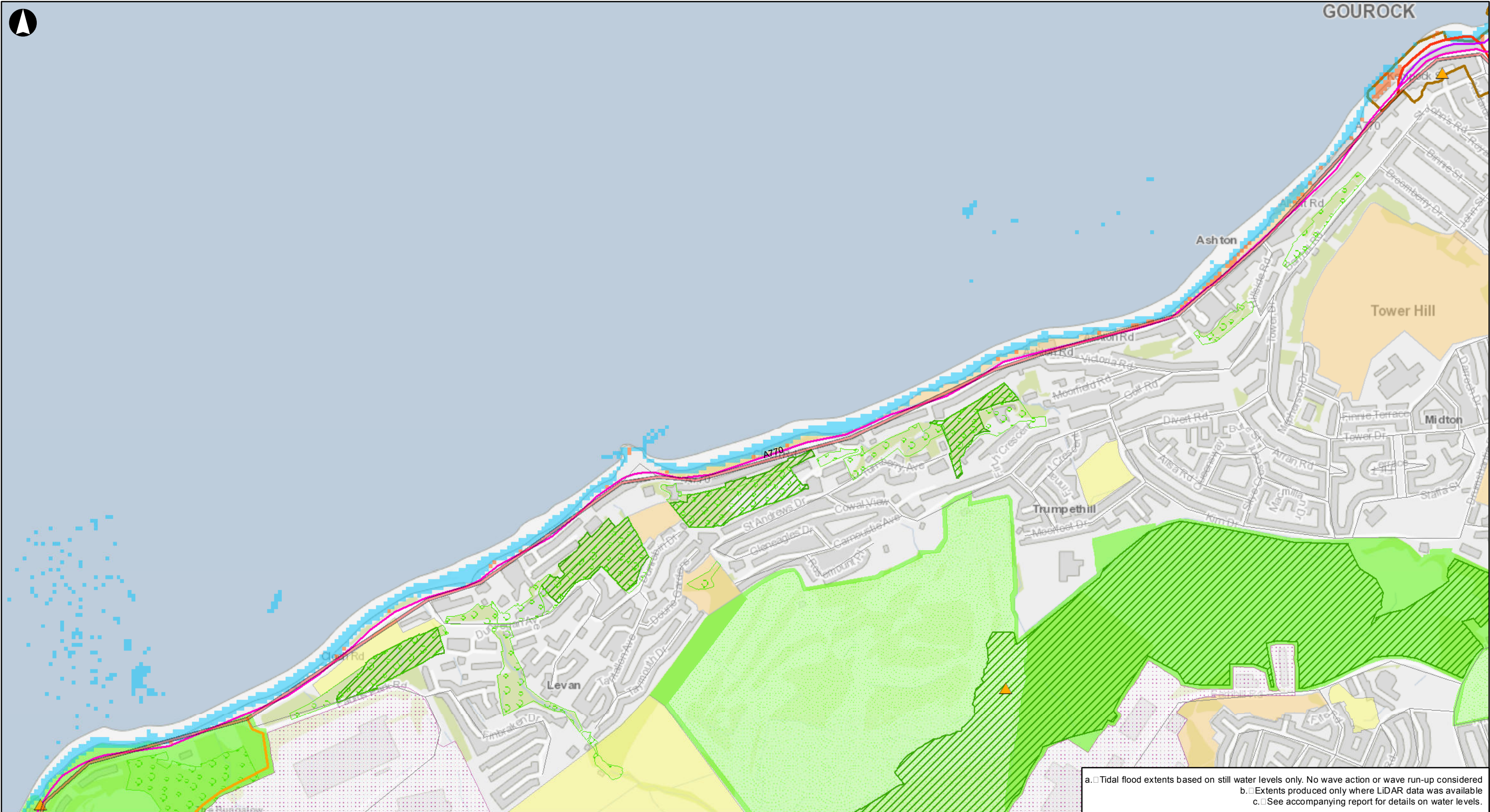
Final

Drawing No

011

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads

Local Development Plans (LDP)

- Development Opportunities
- Scheduled Monuments
- Clyde Muirshiel

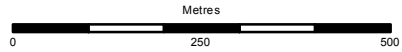
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- New Road Proposals
- Town Centres
- Business & Industry
- Tree Preservation Orders
- Sincs

- Open Spaces in the Green Belt
- Open Spaces
- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080

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Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 3 of 8

Scale at A3

1:10,000

Job No

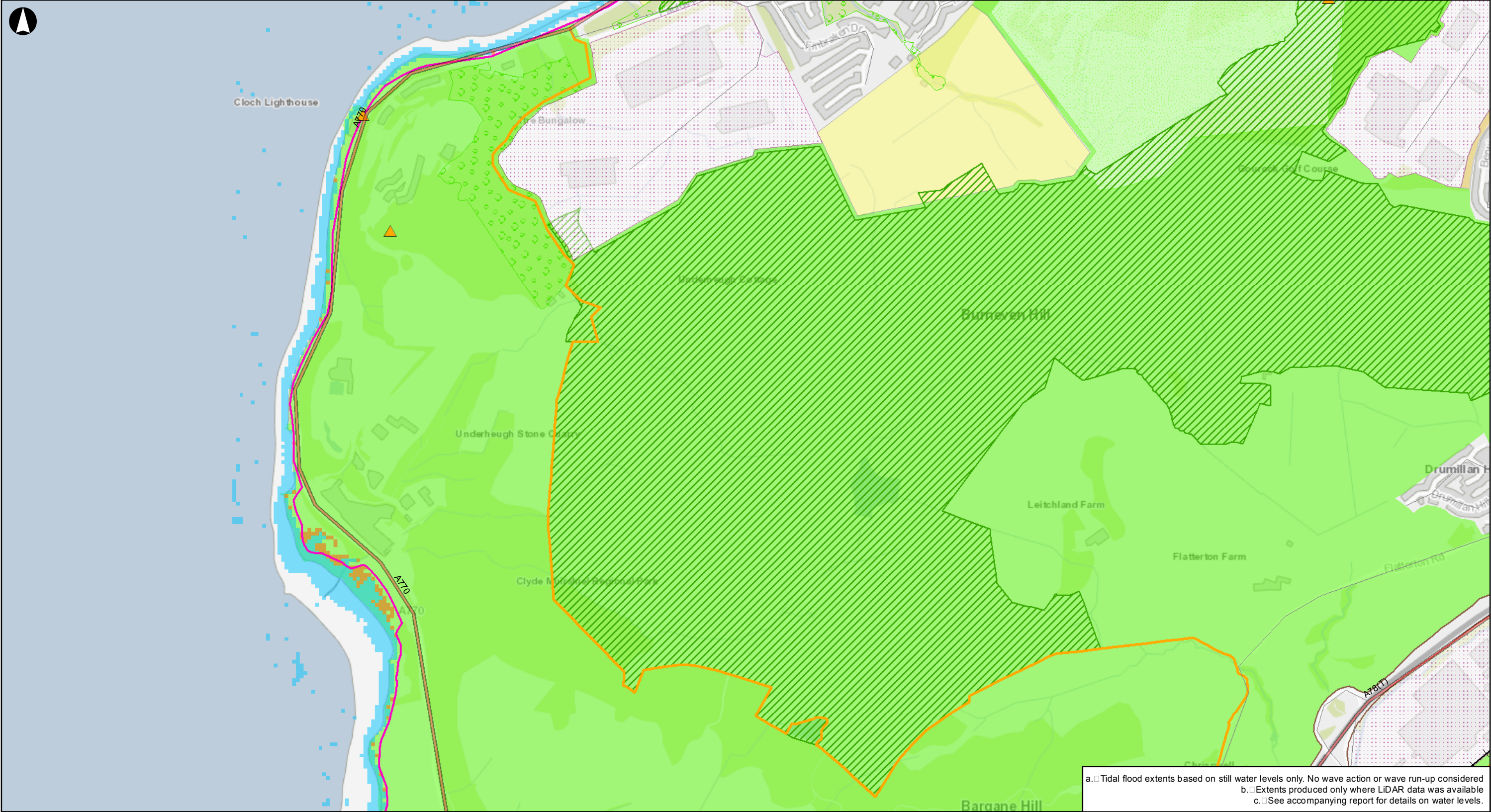
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Drawing Status

Final

Drawing No
012

Issue
P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

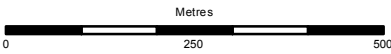
- Development Opportunities
- Scheduled Monuments

- Clyde Muirshiel
- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Business & Industry
- Areas of Change

- Tree Preservation Orders
- Sincs
- Open Spaces in the Green Belt
- Open Spaces
- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 4 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

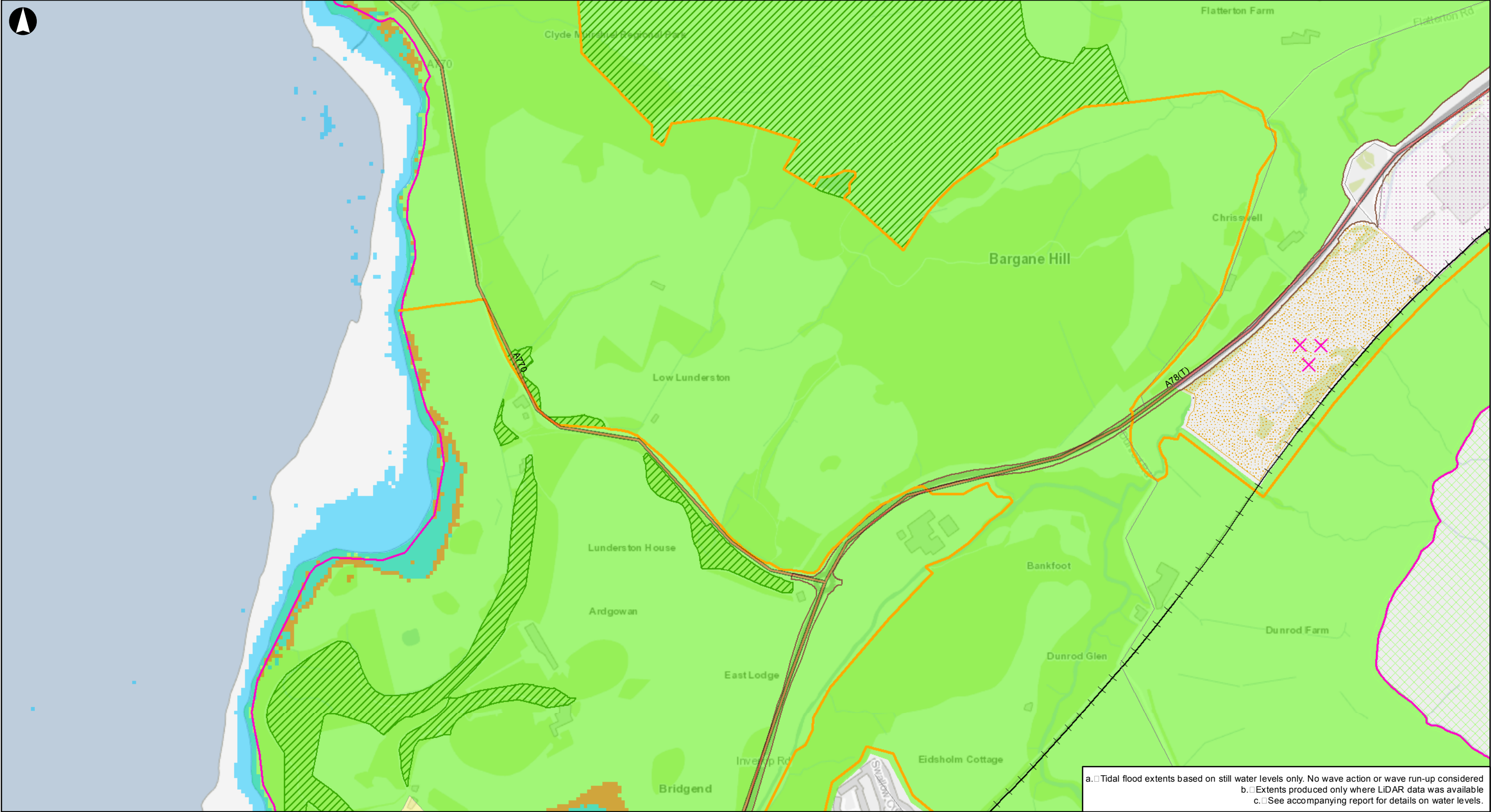
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Drawing No

013

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

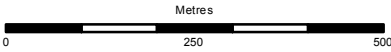
- Development Opportunities
- Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Business & Industry
- Areas of Change
- Sincs
- SSSIs

- Housing Land
- Proposed Green Belt

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 5 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

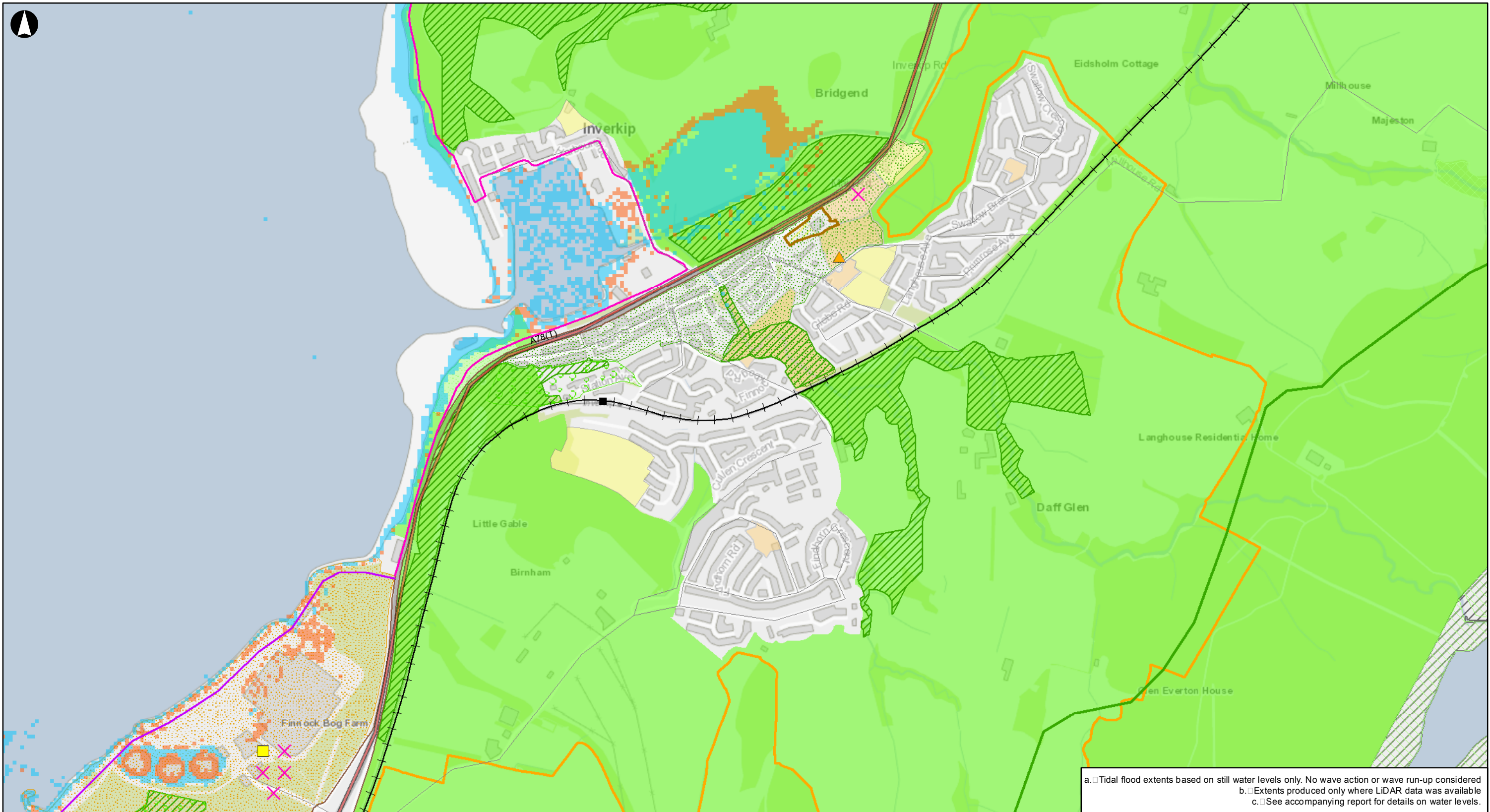
Final

Drawing No

014

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

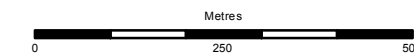
- Development Opportunities
- Indicative Housing Sites
- Scheduled Monuments
- West Renfrew Hills Scenic Area
- Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes
- Trunk Road
- Town Centres
- Areas of Change
- Tree Preservation Orders
- Conservation Areas
- Sincs
- SSSIs
- Special Protection Areas

- Open Spaces in the Green Belt
- Retail Opportunity Sites
- Open Spaces
- Housing Land
- Proposed Green Belt
- SINC's

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 6 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

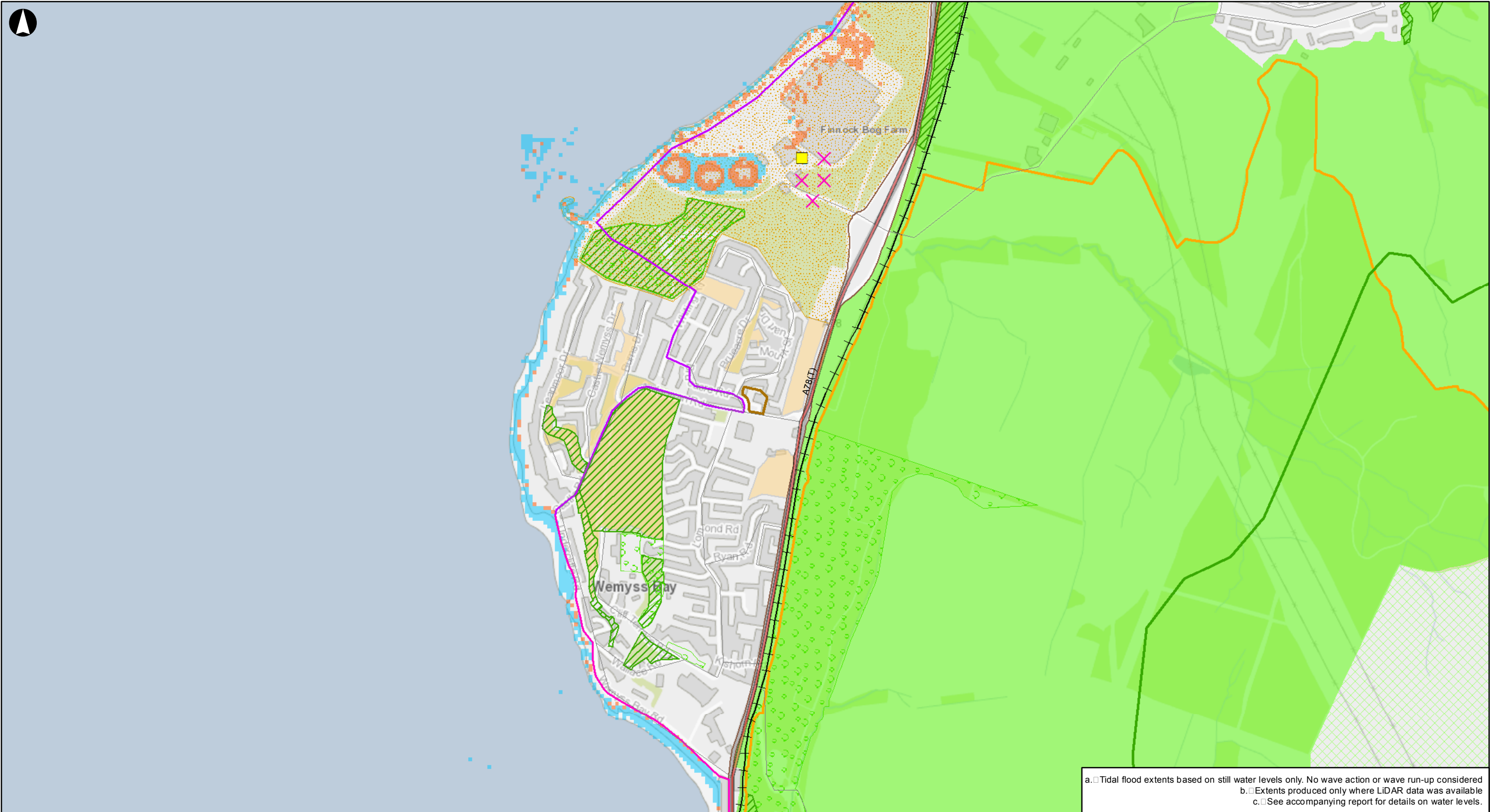
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Drawing No

015

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- Railway

Local Development Plans (LDP)

- Development Opportunities
- Indicative Housing Sites
- West Renfrew Hills Scenic Area
- Clyde Muirshiel

- Existing Coastal & Other Access Routes
- Proposed Coastal & Other Access Routes

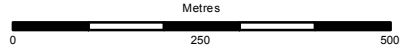
- Trunk Road
- Town Centres
- Areas of Change
- Tree Preservation Orders
- Sincs
- SSSIs

- Special Protection Areas

- Open Spaces
- Proposed Green Belt

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge
in the Firth of Clyde

Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 7 of 8

Scale at A3

1:10,000

Job No

232094-00

Drawing Status

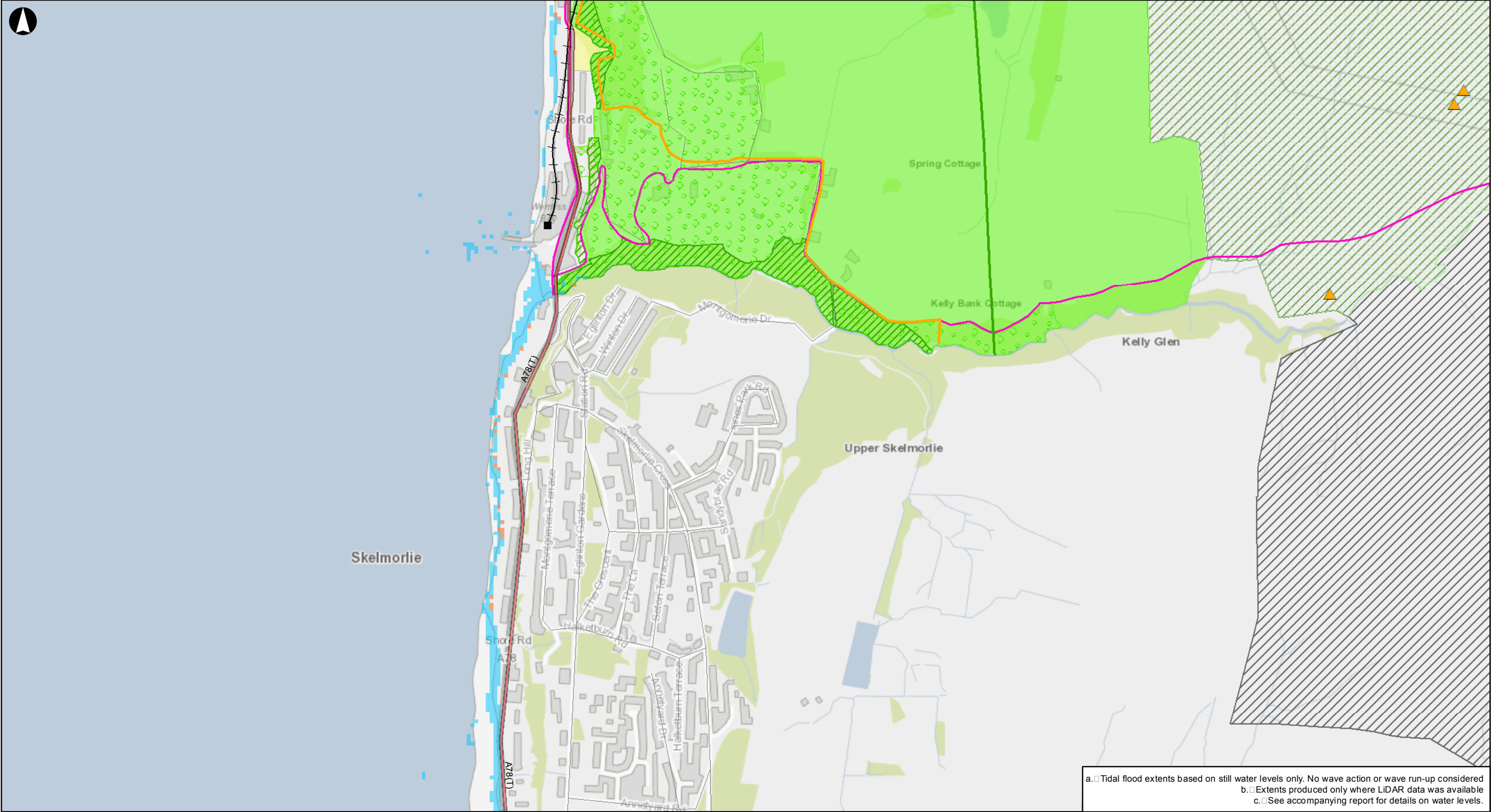
Final

Drawing No

016

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend
Transport Infrastructure
■ Train Stations
— A Roads
— Minor Roads
+ Railway
Local Development Plans (LDP)
✕ Development Opportunities
▲ Scheduled Monuments

— West Renfrew Hills Scenic Area

— Clyde Muirshiel

— Existing Coastal & Other Access Routes

— Proposed Coastal & Other Access Routes

— Trunk Road

— Tree Preservation Orders

▨ Sincs

▨ SSSIs

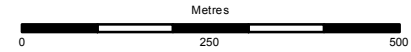
▨ Special Protection Areas

▨ Housing Land

▨ Proposed Green Belt

▨ SINCs

Tidal Flood Extents
■ 1 in 200 year tidal flood extent - Baseline 2008
■ 1 in 200 year tidal flood extent - High Emissions 2080



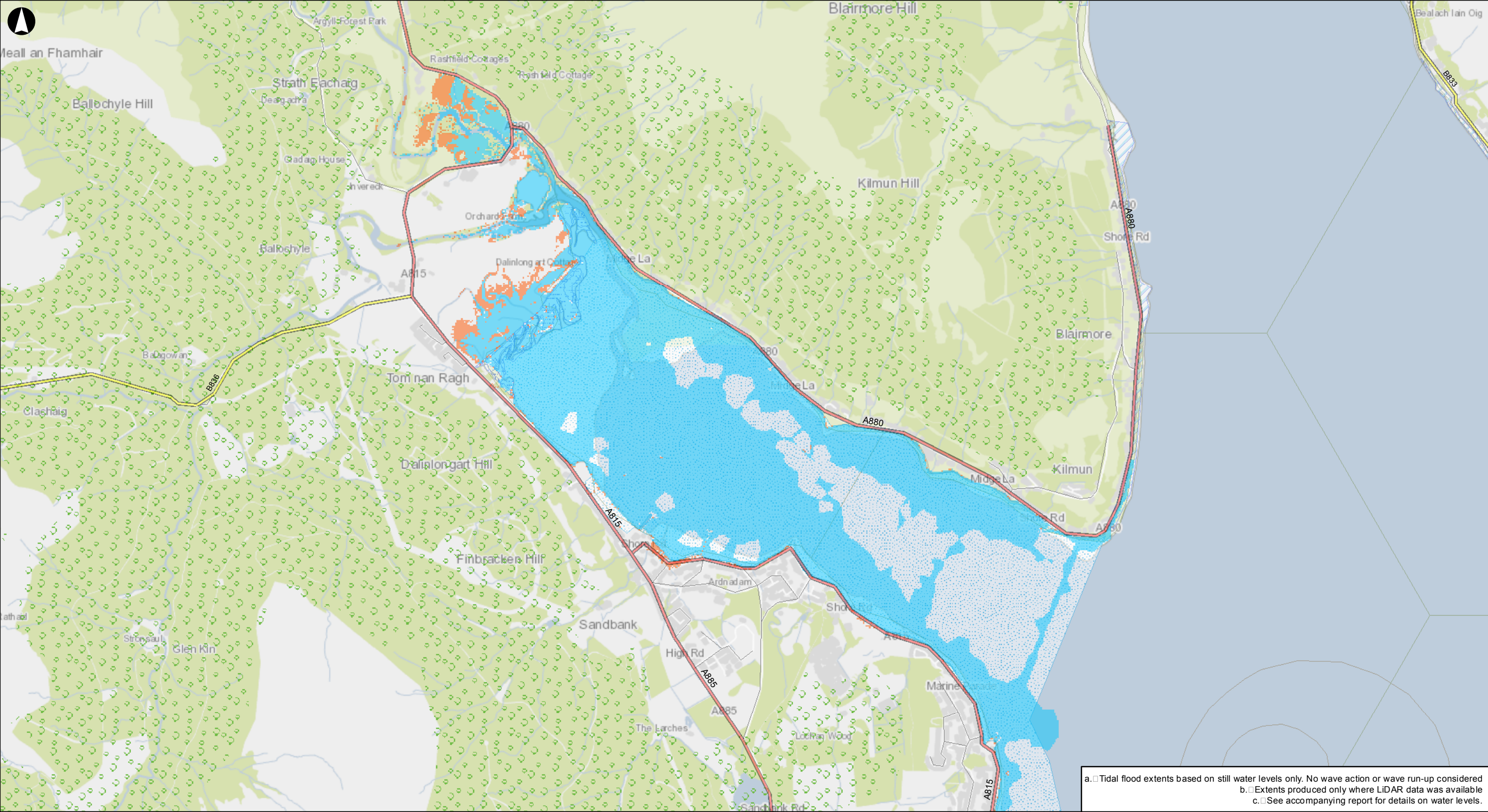
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
**Impact of sea level rise and storm surge
in the Firth of Clyde**

**Local Development Plan
Sea Level Rise Flood Risk
Assessment Estimated 1 in 200 year
tidal flood extents
Plan 8 of 8**

Scale at A3 1:10,000	
Job No 232094-00	Drawing Status Final
Drawing No 017	Issue P0

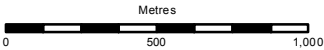
CASE STUDY AREAS



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Tidal Flood Extents
- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080
- Woodland Areas
- Hotspots of Species Richness
- Spoil Dump Sites
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Shoreline Waters
- Salt Marshes
- Recreational Waters



Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Holy Loch
Estimated 1 in 1 year tidal
flood extents
Overview**

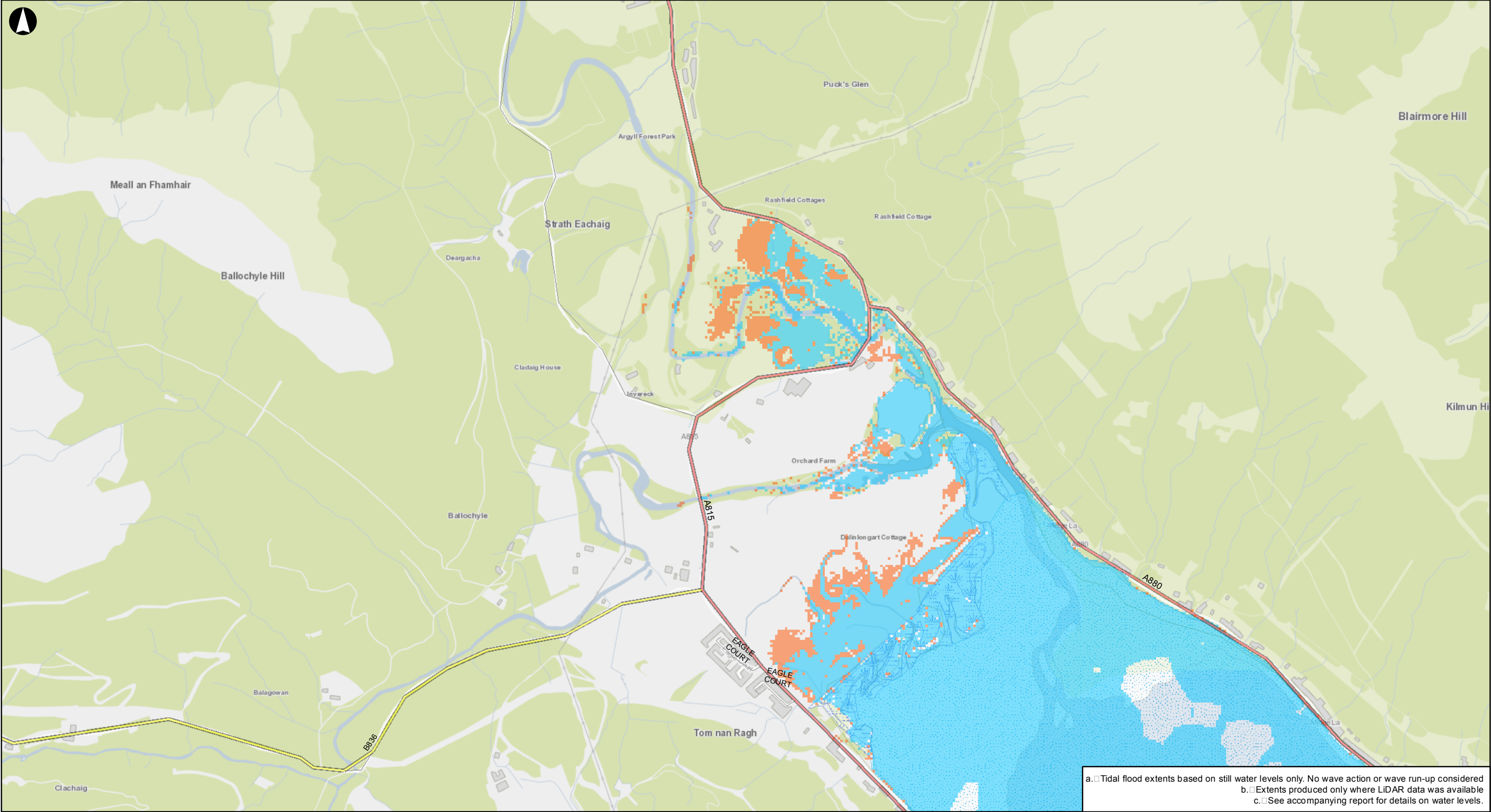
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Job No
232094-00

Drawing Status
Final

Drawing No
001

Issue
P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads

Tidal Flood Extents

- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080

- Hotspots of Species Richness
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Salt Marshes

- Recreational Waters

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Metres

0400800

Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

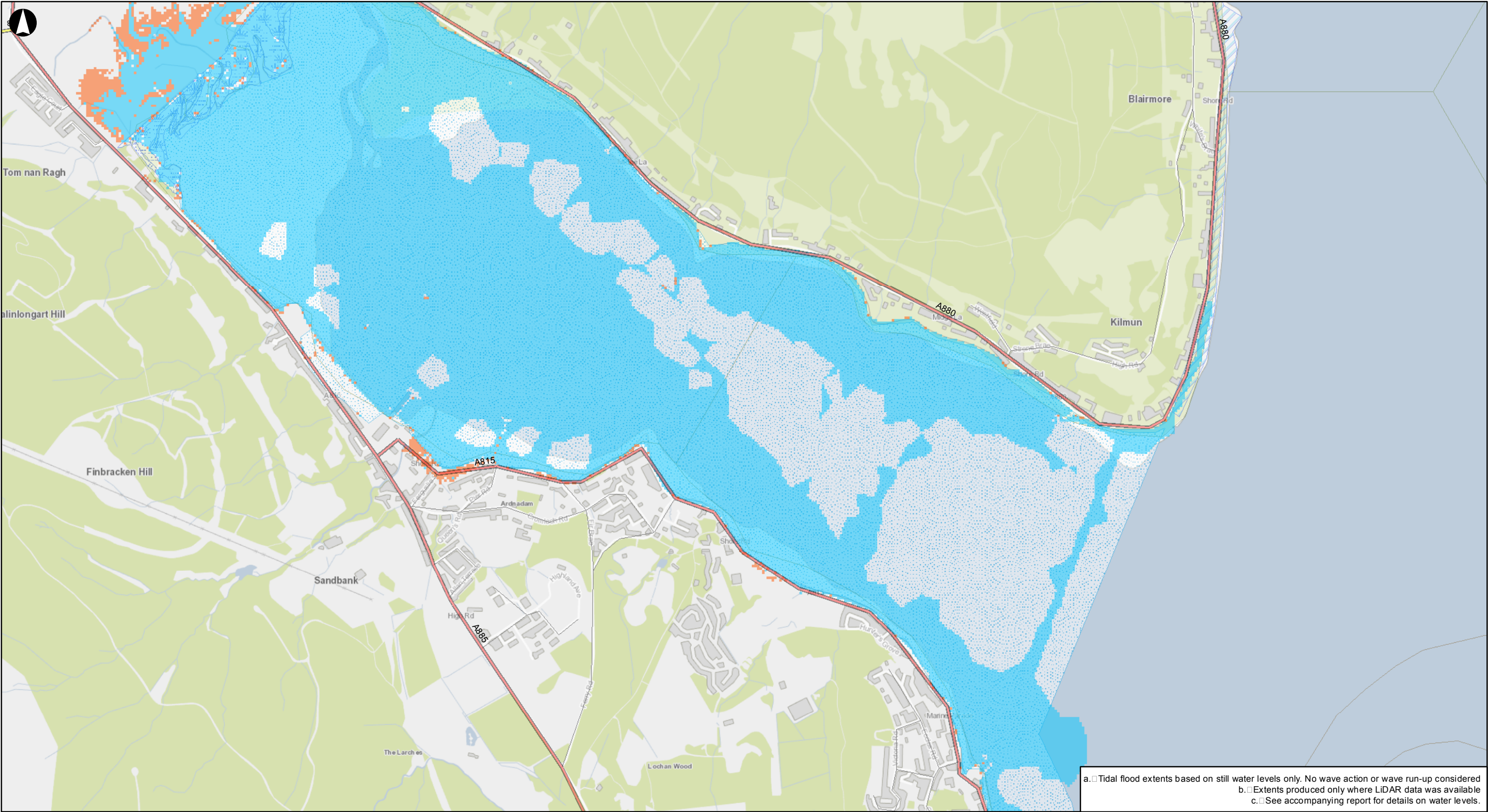
Impact of sea level rise and storm surge

Case study area
Holy Loch
Estimated 1 in 1 year tidal
flood extents
Plan 1 of 3

Scale at A3

1:15,000

Job No	Drawing Status
232094-00	Final
Drawing No	Issue
002	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

A Roads

B Roads

Minor Roads

Tidal Flood Extents

1 in 1 year tidal flood extent - Baseline 2008

1 in 1 year tidal flood extent - High Emissions 2080

Hotspots of Species Richness

Spoil Dump Sites

Local Nature Reserves (LNR)

Sites of Importance for Nature Conservation (SINCs)

Scheduled Ancient Monuments

Sites of Special Scientific Interest (SSSI)

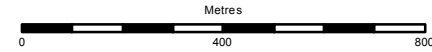
Special Protection Areas (SPA)

Shoreline Waters

Salt Marshes

Recreational Waters

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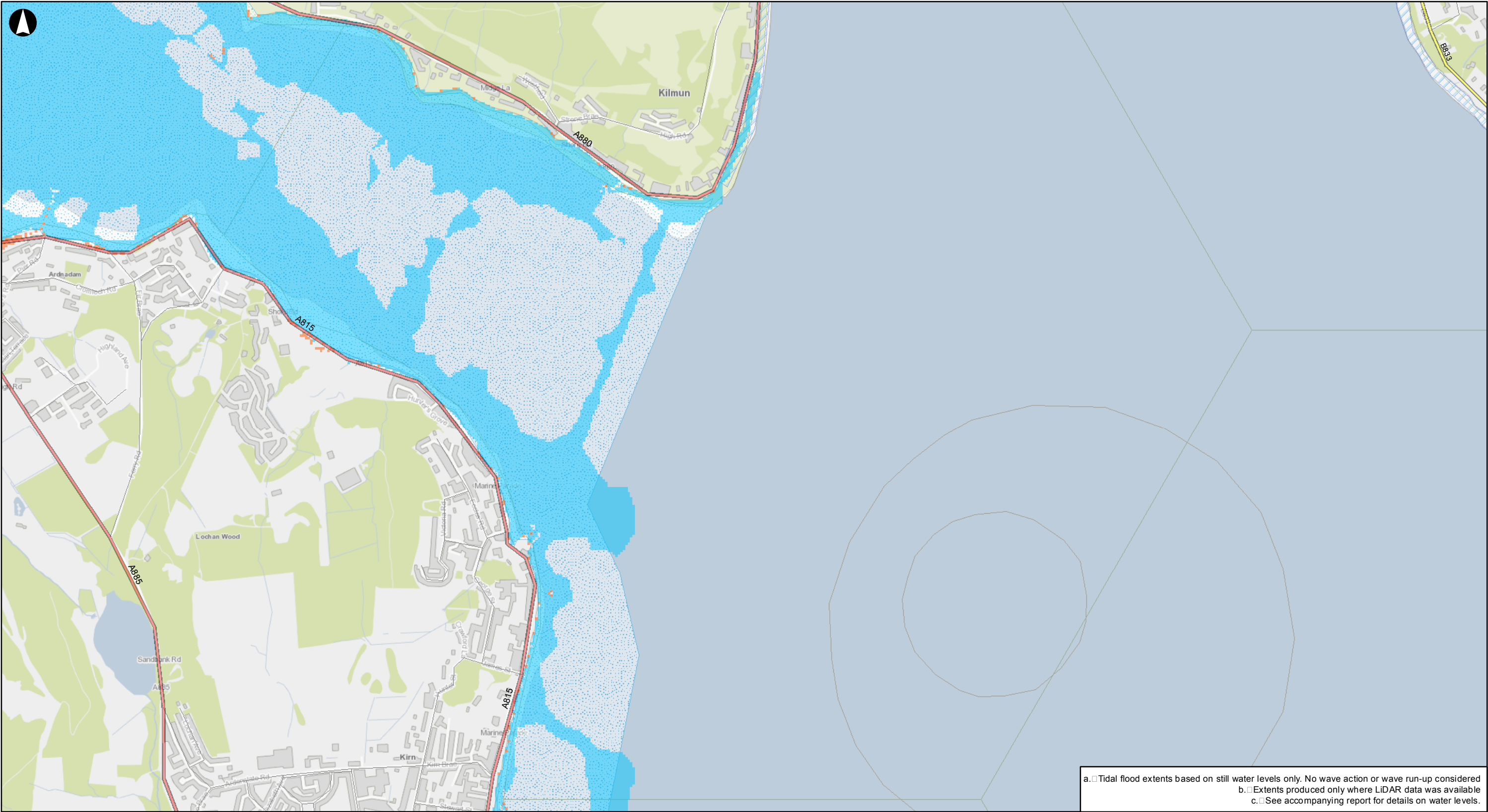
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Holy Loch
Estimated 1 in 1 year tidal
flood extents
Plan 2 of 3**

Scale at A3
1:15,000

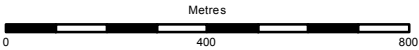
Job No	Drawing Status
232094-00	Final
Drawing No	Issue
003	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Shoreline Waters
- Recreational Waters
- Tidal Flood Extents
- 1 in 1 year tidal flood extent - Baseline 2008
- 1 in 1 year tidal flood extent - High Emissions 2080
- Hotspots of Species Richness
- Spoil Dump Sites
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Holy Loch
Estimated 1 in 1 year tidal
flood extents
Plan 3 of 3

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

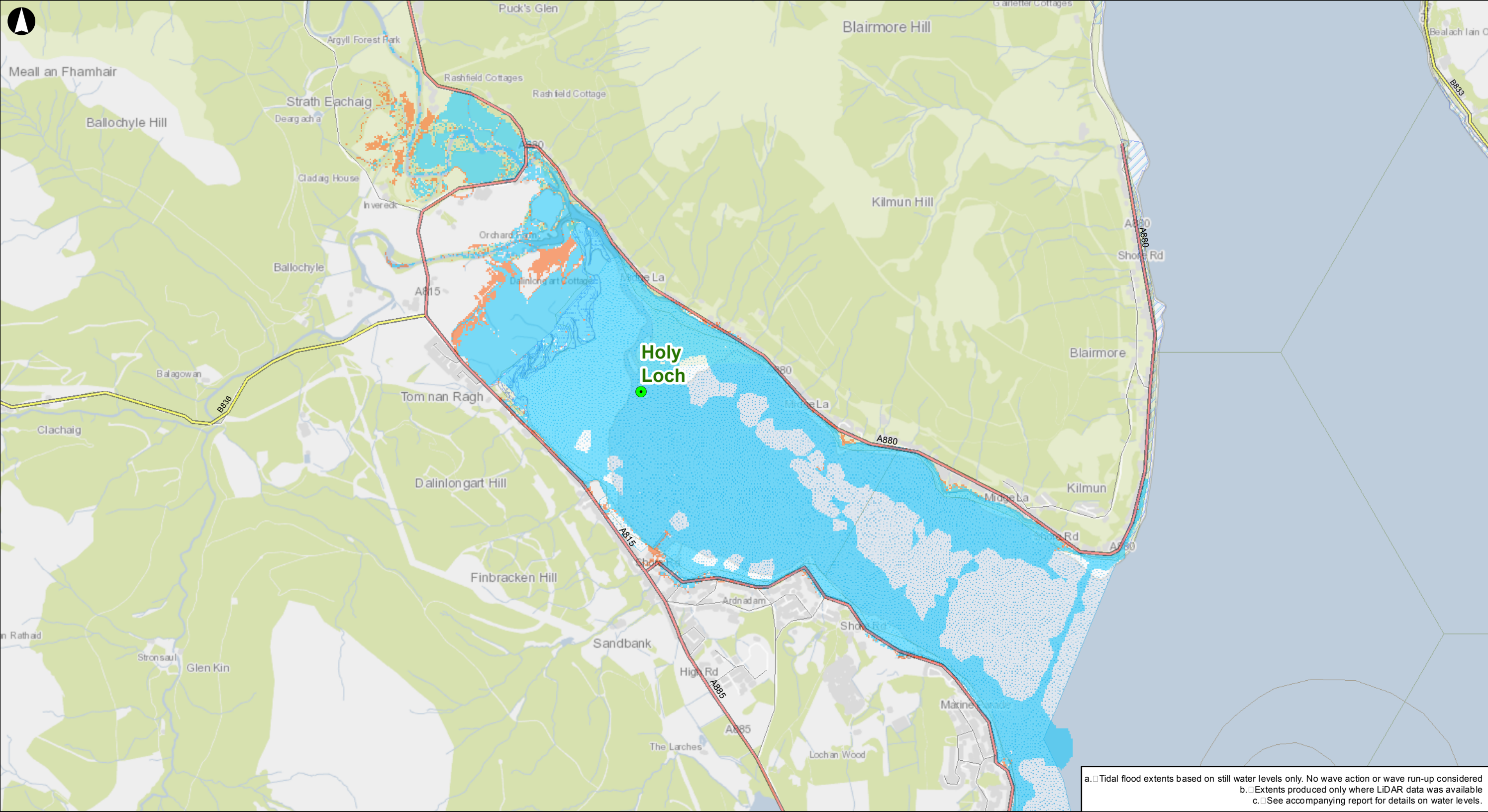
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Drawing No

004

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- A Roads
- B Roads
- Minor Roads
- Special Protection Areas (SPA)
- Shoreline Waters
- Salt Marshes
- Recreational Waters

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080
- Hotspots of Species Richness
- Spoil Dump Sites
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)

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Metres

0 500 1,000

Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

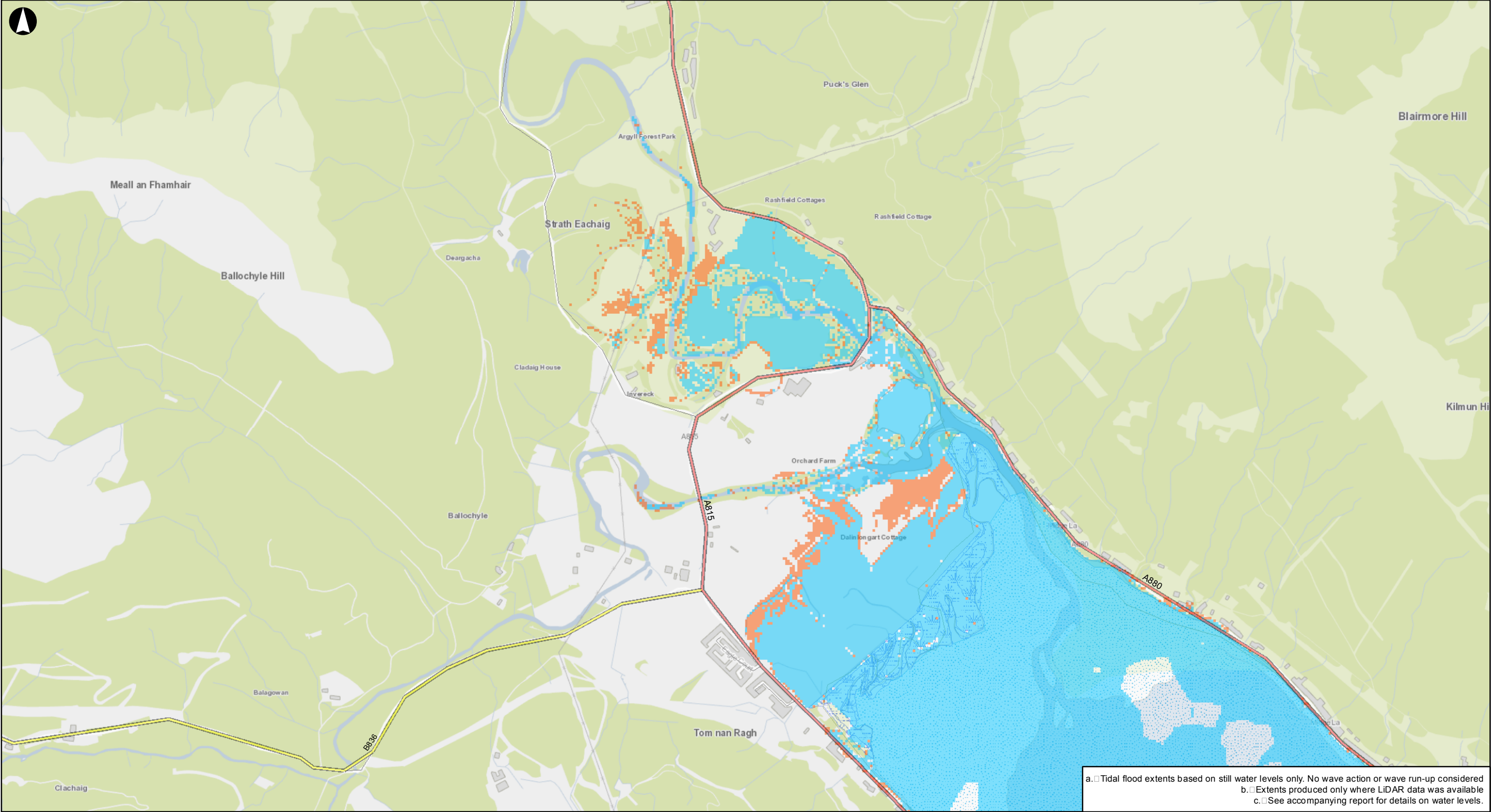
Impact of sea level rise and storm surge

Case study area
Holy Loch
Estimated 1 in 200 year tidal
flood extents
Overview

Scale at A3

1:25,000

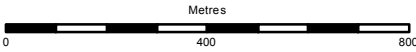
Job No	Drawing Status
232094-00	Final
Drawing No	Issue
005	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- A Roads
- B Roads
- Minor Roads
- Recreational Waters
- Tidal Flood Extents
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080
- Hotspots of Species Richness
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Salt Marshes



Client

Scottish Natural Heritage
Firth of Clyde Forum

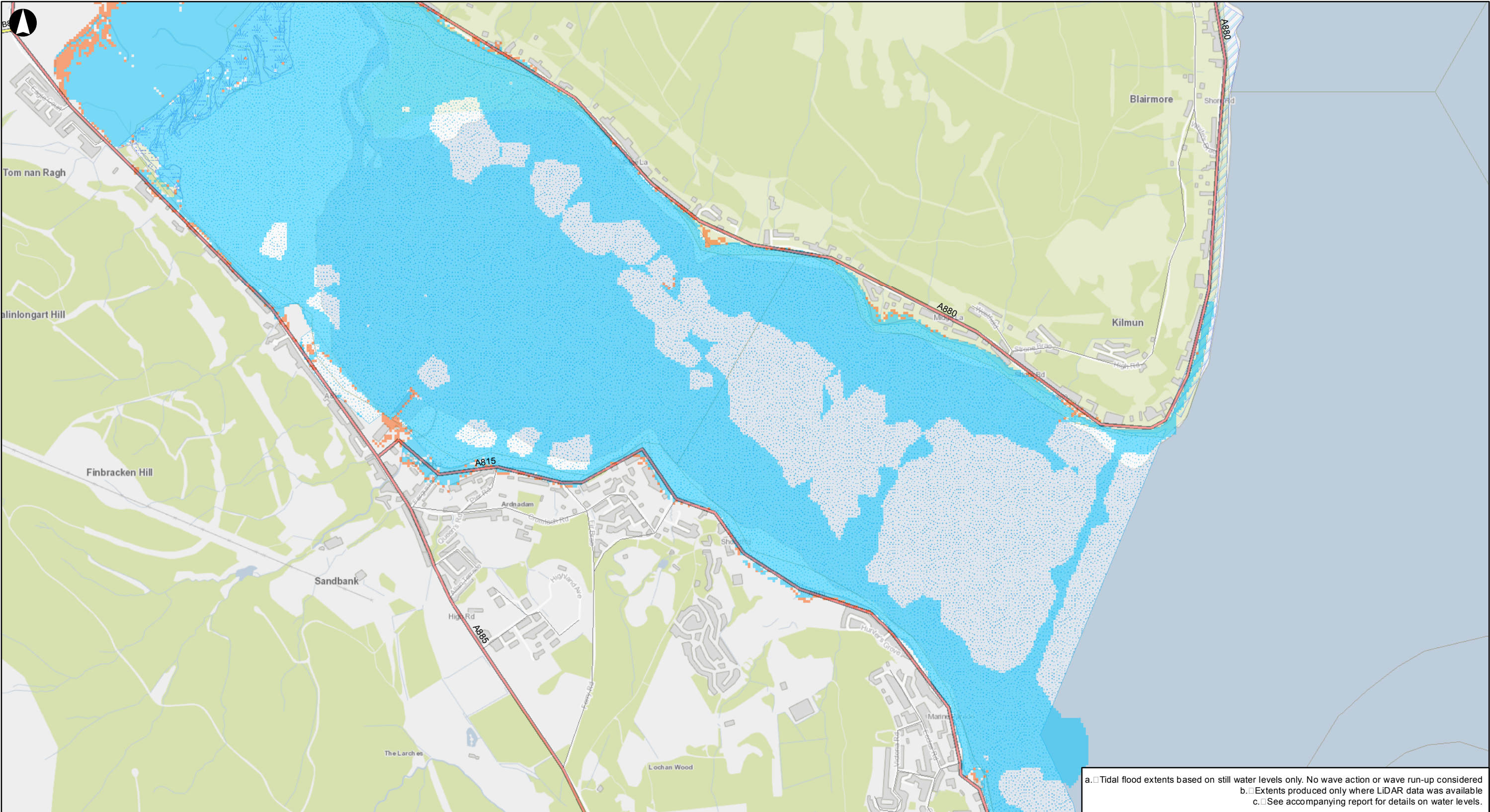
Job Title

Impact of sea level rise and storm surge

Case study area
Holy Loch
Estimated 1 in 200 year tidal
flood extents
Plan 1 of 3

Scale at A3
1:15,000

Job No	Drawing Status
232094-00	Final
Drawing No	Issue
006	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

A Roads

B Roads

Minor Roads

Shoreline Waters

Salt Marshes

Recreational Waters

Tidal Flood Extents

1 in 200 year tidal flood extent - Baseline 2008

1 in 200 year tidal flood extent - High Emissions 2080

Hotspots of Species Richness

Spoil Dump Sites

Local Nature Reserves (LNR)

Sites of Importance for Nature Conservation (SINCs)

Scheduled Ancient Monuments

Sites of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

Client
**Scottish Natural Heritage
Firth of Clyde Forum**

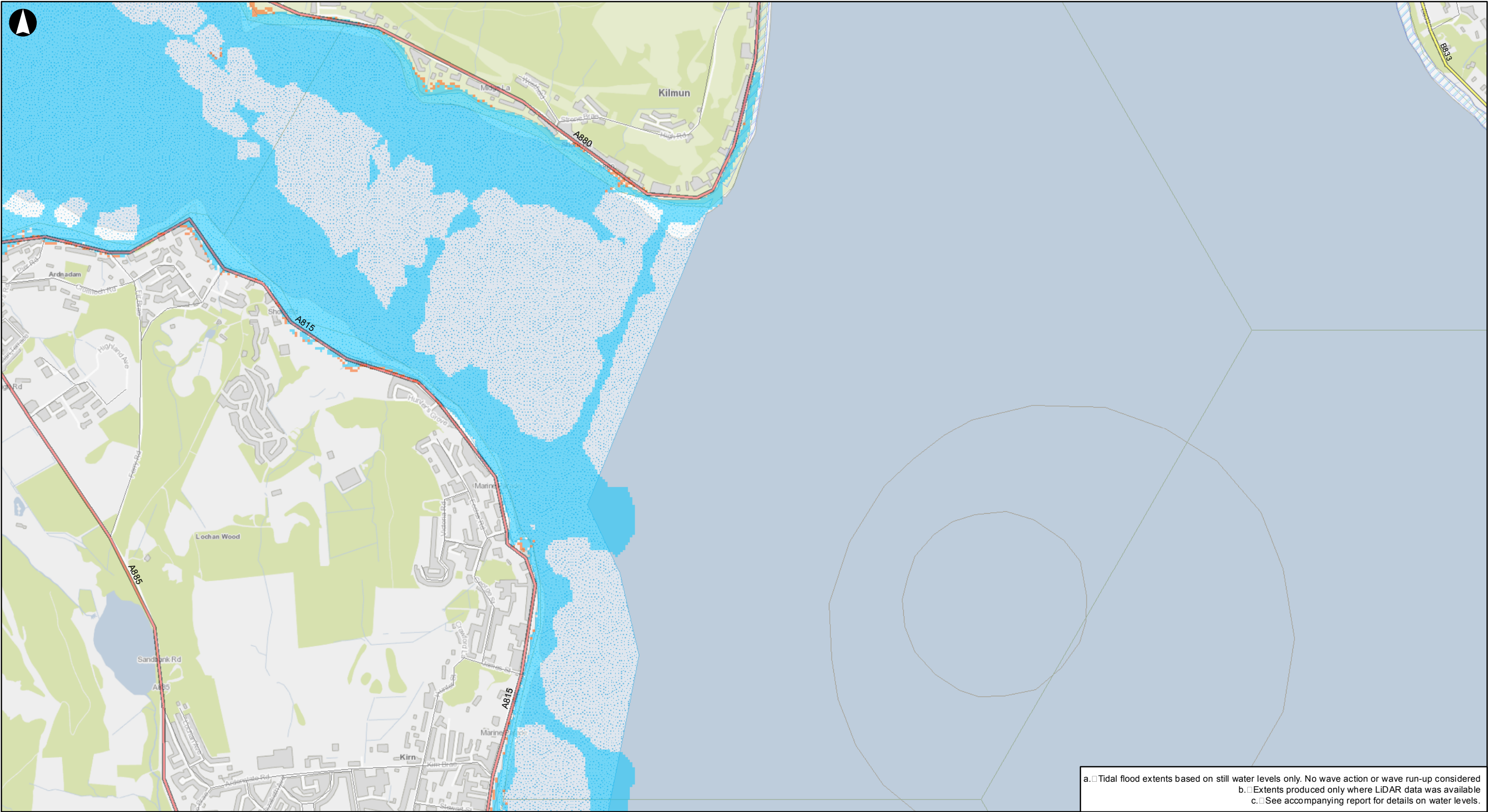
Job Title
Impact of sea level rise and storm surge

**Case study area
Holy Loch
Estimated 1 in 200 year tidal
flood extents
Plan 2 of 3**

Scale at A3
1:15,000

Job No	Drawing Status
232094-00	Final
Drawing No	Issue
007	P0

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a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

A Roads

B Roads

Minor Roads

Shoreline Waters

Recreational Waters

Tidal Flood Extents

1 in 200 year tidal flood extent - Baseline 2008

1 in 200 year tidal flood extent - High Emissions 2080

Hotspots of Species Richness

Spoil Dump Sites

Local Nature Reserves (LNR)

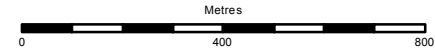
Sites of Importance for Nature Conservation (SINCs)

Scheduled Ancient Monuments

Sites of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

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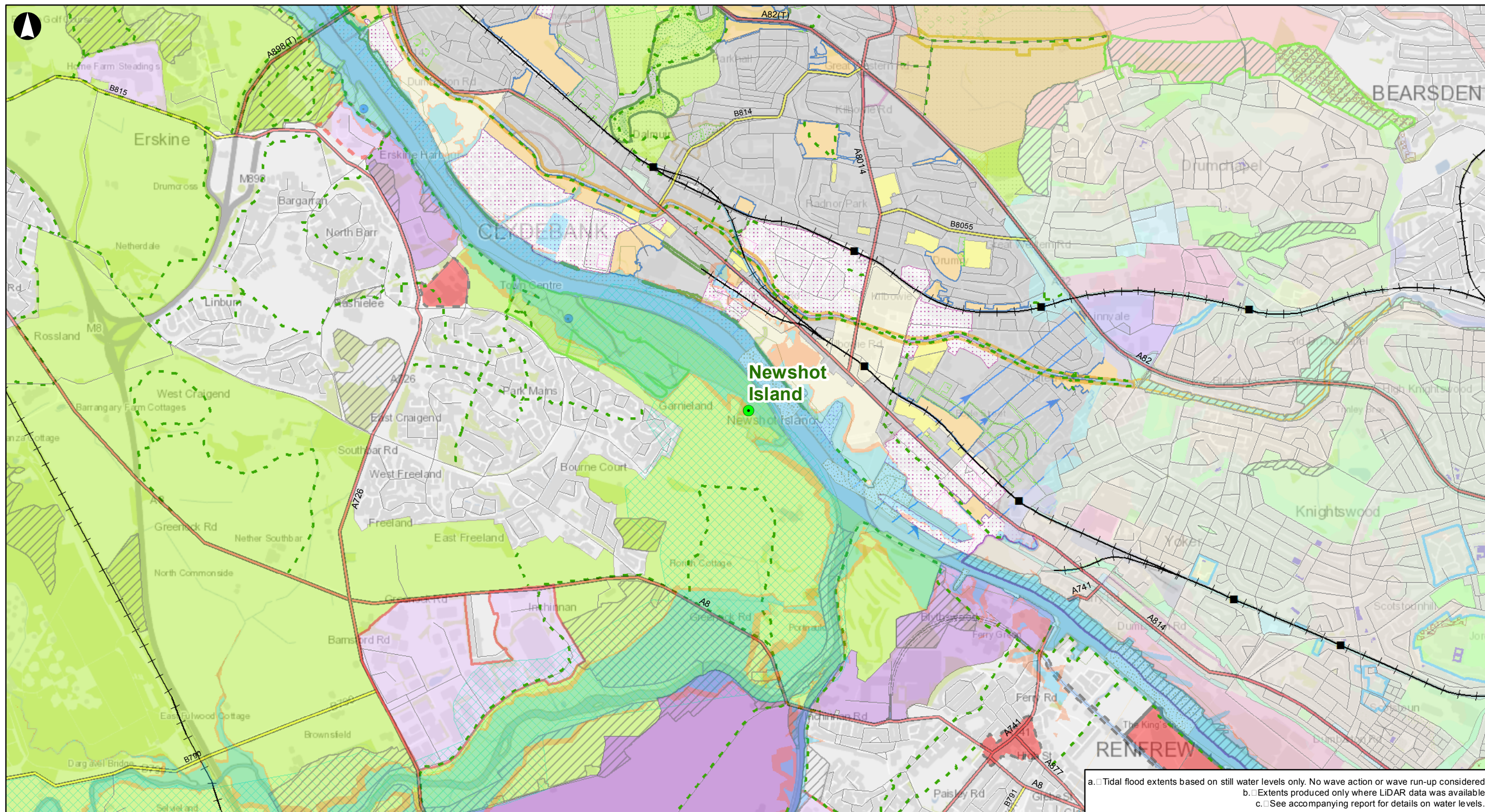


Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Holy Loch
Estimated 1 in 200 year tidal
flood extents
Plan 3 of 3**

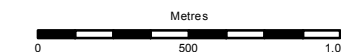
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Job No 232094-00	Drawing Status Final
Drawing No 008	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- | | | | |
|--|-----------------------------------|---|---|
| Case Study Locations | Greenspace | Changing Places | E1 - Local Industrial Areas |
| Tidal Flood Extents | Industry and Business | Tree Preservation Orders | E3 - Transition Areas |
| 1 in 1 year tidal flood extent - Baseline 2008 | Other Retail and Commercial | Open Spaces | E5 - Glasgow Airport |
| 1 in 1 year tidal flood extent - High Emissions 2080 | Residential | Housing opportunities | Conservation Areas |
| Transport Infrastructure | Town Centre | I4 - Fastlink | Nature Conservation Sites |
| Train Stations | Transport Infrastructure | I3 - Potential Transport Improvements | Green Belt |
| A Roads | Tier 3 - Local Town Centre | I3- Potential Transport Improvements (Indicative) | BE4 |
| B Roads | Inner Urban Area | Airport Noise | Environmental Improvement Opportunities |
| Minor Roads | Base | Waste management site | |
| Railway | High | Core Town Centre | |
| Core Paths | Core Economic Development Areas | Strategic Town Centre | |
| Core Paths | Business & Industry Opportunities | REIL | |
| Civic, Hospitals and Tertiary Education | Business & Industry | E1 - SEIL | |
| Green Belt | | | |



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Newshot Island
Estimated 1 in 1 year tidal
flood extents
Overview

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

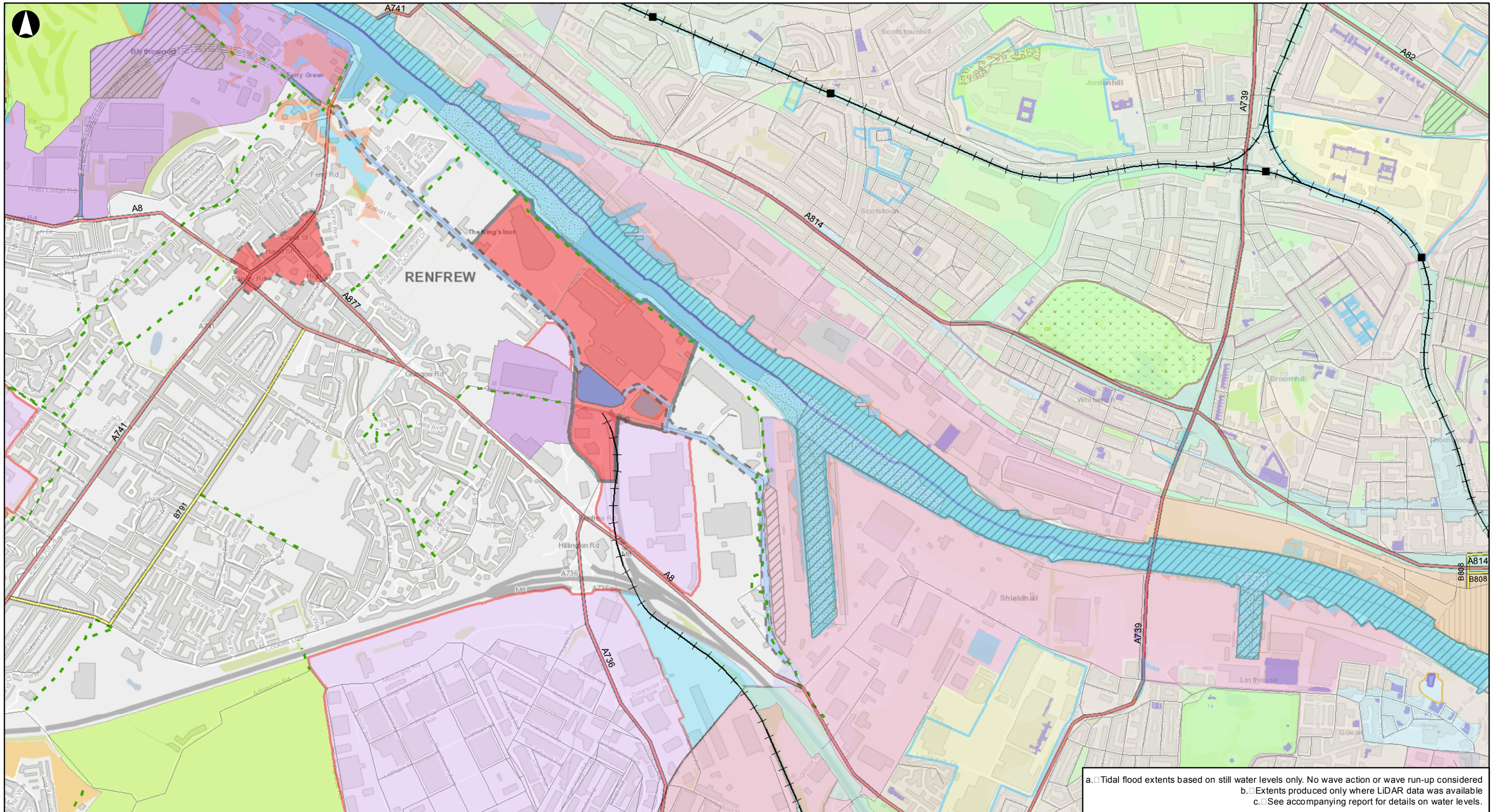
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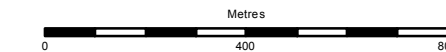
Issue

P0



Legend

- Tidal Flood Extents**
- 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
- Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Civic, Hospitals and Tertiary Education
 - Greenspace
 - Industry and Business
 - Mixed Development
 - Other Retail and Commercial
 - Residential
 - Town Centre
- Transport Infrastructure**
- Transport Infrastructure
 - Tier 2 - Principal Retail Area
 - Tier 2 - Major Town Centre
 - Tier 3 - Local Town Centre
 - Edge of Centre - Tier 2
 - Inner Urban Area
 - Base
 - High
 - Strategic Industrial and Business Areas (IB2)
 - Core Economic Development Areas
 - Business & Industry Opportunities
 - Business & Industry
 - Tree Preservation Orders
 - Open Spaces
 - 14 - Fastlink
 - 12 - Freight
- Places**
- P1 - Existing Policies
 - P4 - Housing Action Programme Sites
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
- Other**
- Special Protection Areas (SPA)
 - Scotland Important Bird Areas
 - Dredge Sites
 - Gardens & Designated Landscapes
 - Historic Gardens and Designated Landscapes
 - Location of Tree Preservation Orders
 - World Heritage Site - Antonine Wall
 - World Heritage Site - Antonine Wall Buffer
 - Listed Building
 - Scheduled Ancient Monument
 - Listed Scheduled Ancient Monument
 - Ancient, Long-Established or Semi-Natural Woodland
 - Sites of Special Landscape Importance
 - Green Corridors



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Newshot Island
Estimated 1 in 1 year tidal
flood extents
Plan 1 of 4

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

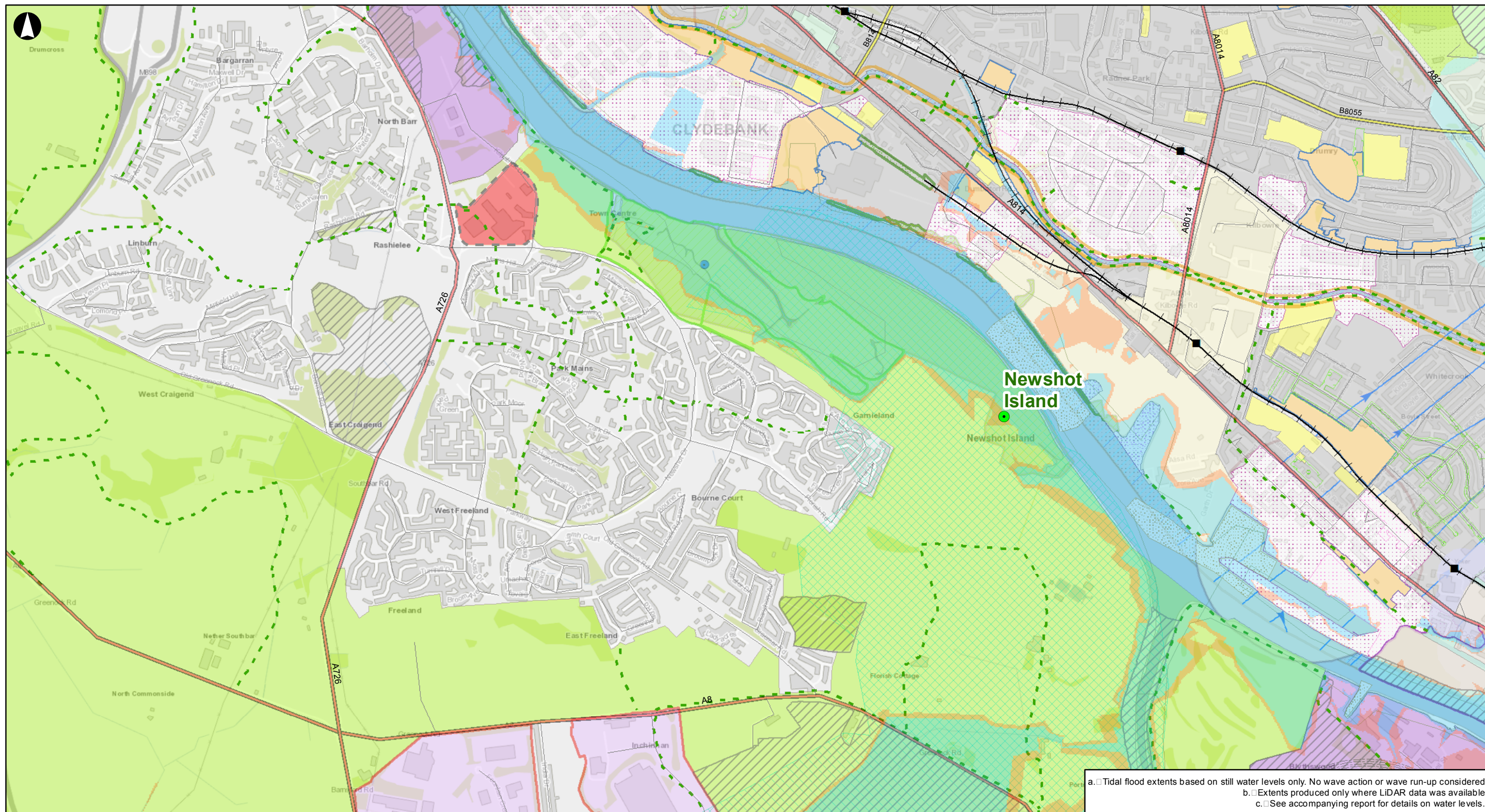
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Drawing No

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Issue

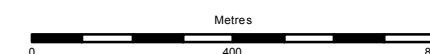
P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents**
 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Green Belt
 - Residential
- Transport Infrastructure
 - Inner Urban Area
 - Base
 - High
 - Core Economic Development Areas
 - Business & Industry Opportunities
 - Business & Industry
 - Changing Places
 - Tree Preservation Orders
 - Open Spaces
 - Housing opportunities
 - I3 - Potential Transport Improvements
 - I3 - Potential Transport Improvements (Indicative)
- Local centres
 - Plan boundary
 - SEIL
 - TPO
 - Water environment
 - Community facility opportunity
- Places**
 - P1 - Existing Policies
- Environmental Layers**
 - Additional Salt Marsh Areas
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Scotland Important Bird Areas
- Dredge Sites
- ramsar
- Gardens & Designated Landscapes
- World Heritage Site - Antonine Wall
- World Heritage Site - Antonine Wall Buffer
- Sites of Special Landscape Importance
- Green Corridors



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Newshot Island
Estimated 1 in 1 year tidal
flood extents
Plan 2 of 4

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

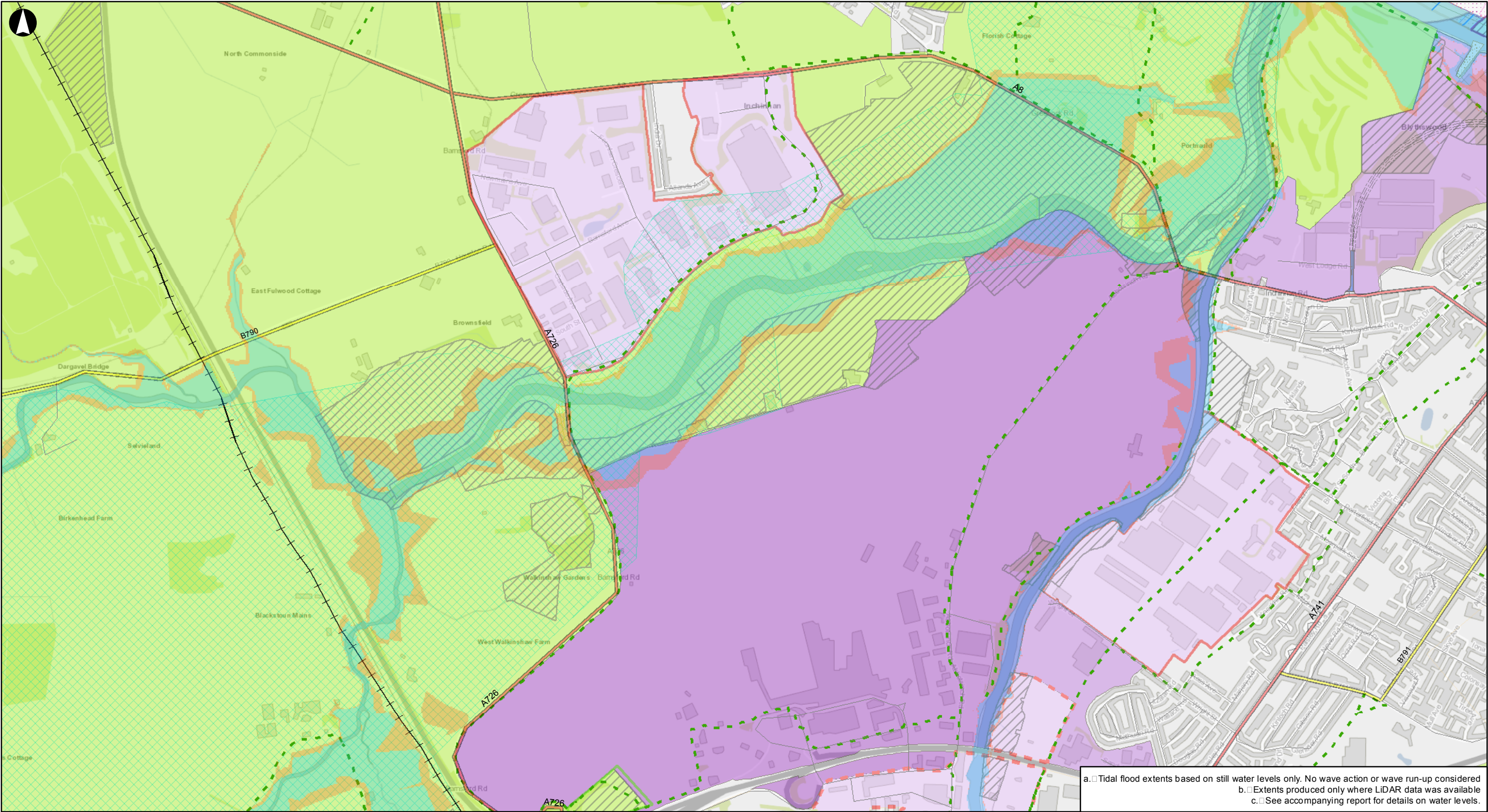
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Drawing No

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Issue

P0

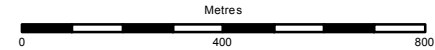


a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Tidal Flood Extents**

 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Residential
 - Inner Urban Area
 - Core Economic Development Areas
 - Business & Industry Opportunities
 - Business & Industry
- Tree Preservation Orders
 - Open Spaces
 - I3 - Potential Transport Improvements
 - I3 - Potential Transport Improvements (Indicative)
 - Airport Noise
 - E1 - SEIL
 - E1 - Local Industrial Areas
 - E3 - Transition Areas
 - E5 - Glasgow Airport
 - Conservation Areas
 - Nature Conservation Sites
 - Green Belt
 - DC5 - Notification Zones
- DC3 - Safeguarding Zone
 - HSE notification zone
 - Plan boundary
 - SEIL
 - Water environment
 - Places**
 - P1 - Existing Policies
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
 - Special Protection Areas (SPA)
 - Scotland Important Bird Areas
- Dredge Sites
 - Gardens & Designated Landscapes
 - World Heritage Site - Antonine Wall
 - World Heritage Site - Antonine Wall Buffer
 - Green Corridors



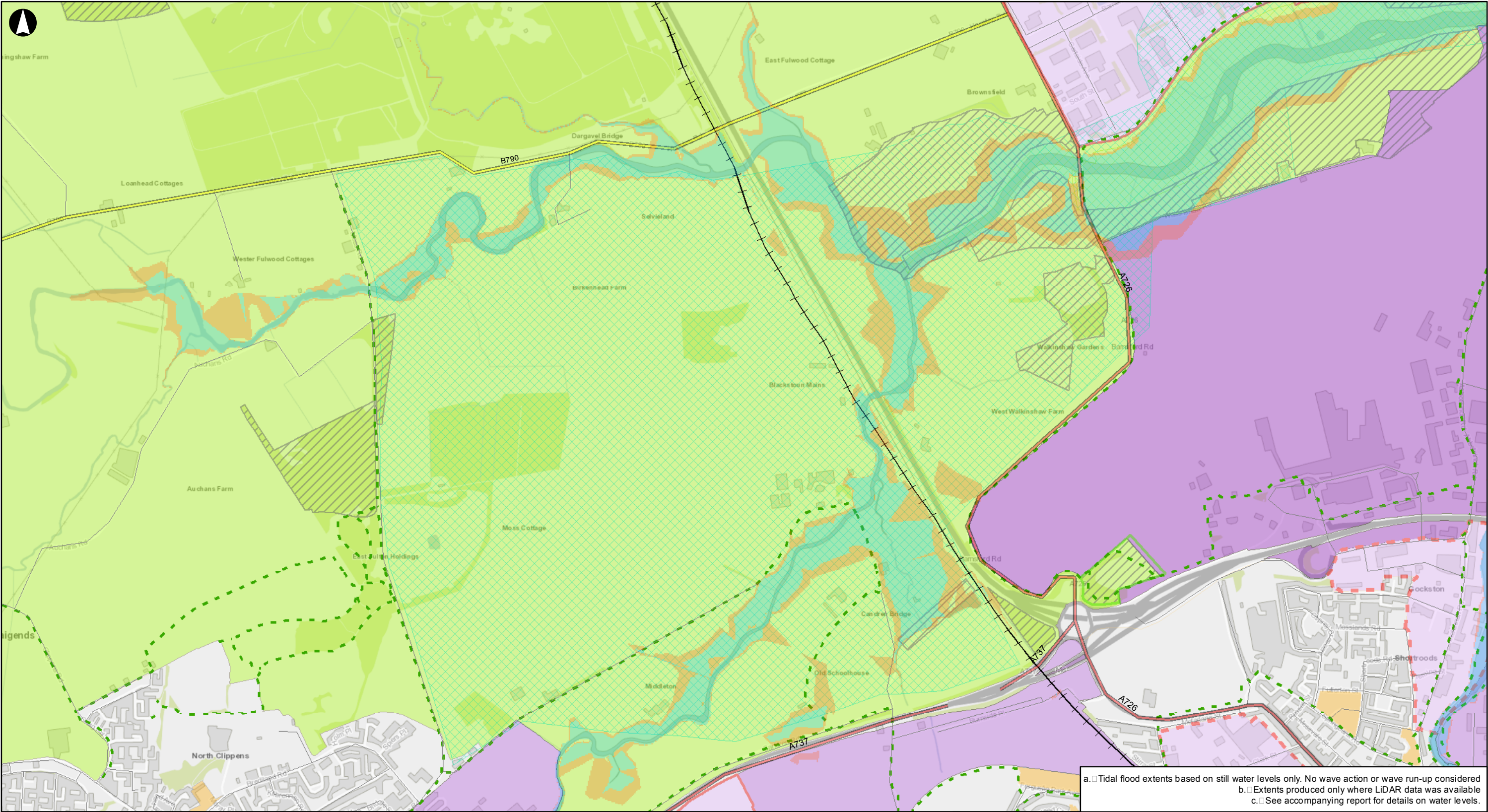
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Newshot Island
Estimated 1 in 1 year tidal
flood extents
Plan 3 of 4**

Scale at A3
1:15,000

Job No 232094-00	Drawing Status Final
Drawing No 012	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Tidal Flood Extents**

 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080

Transport Infrastructure

 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Business & Industry Opportunities
 - Business & Industry
 - Tree Preservation Orders
 - Open Spaces
- Places**

 - P1 - Existing Policies
 - P4 - Housing Action Programme Sites
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
- E1 - SEIL**

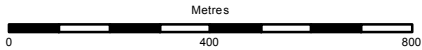
 - E1 - Local Industrial Areas
 - E3 - Transition Areas
 - E5 - Glasgow Airport

Conservation Areas

 - Nature Conservation Sites
 - Green Belt

Special Protection Areas (SPA)

 - Scotland Important Bird Areas
 - Gardens & Designated Landscapes
 - World Heritage Site - Antonine Wall
 - World Heritage Site - Antonine Wall Buffer



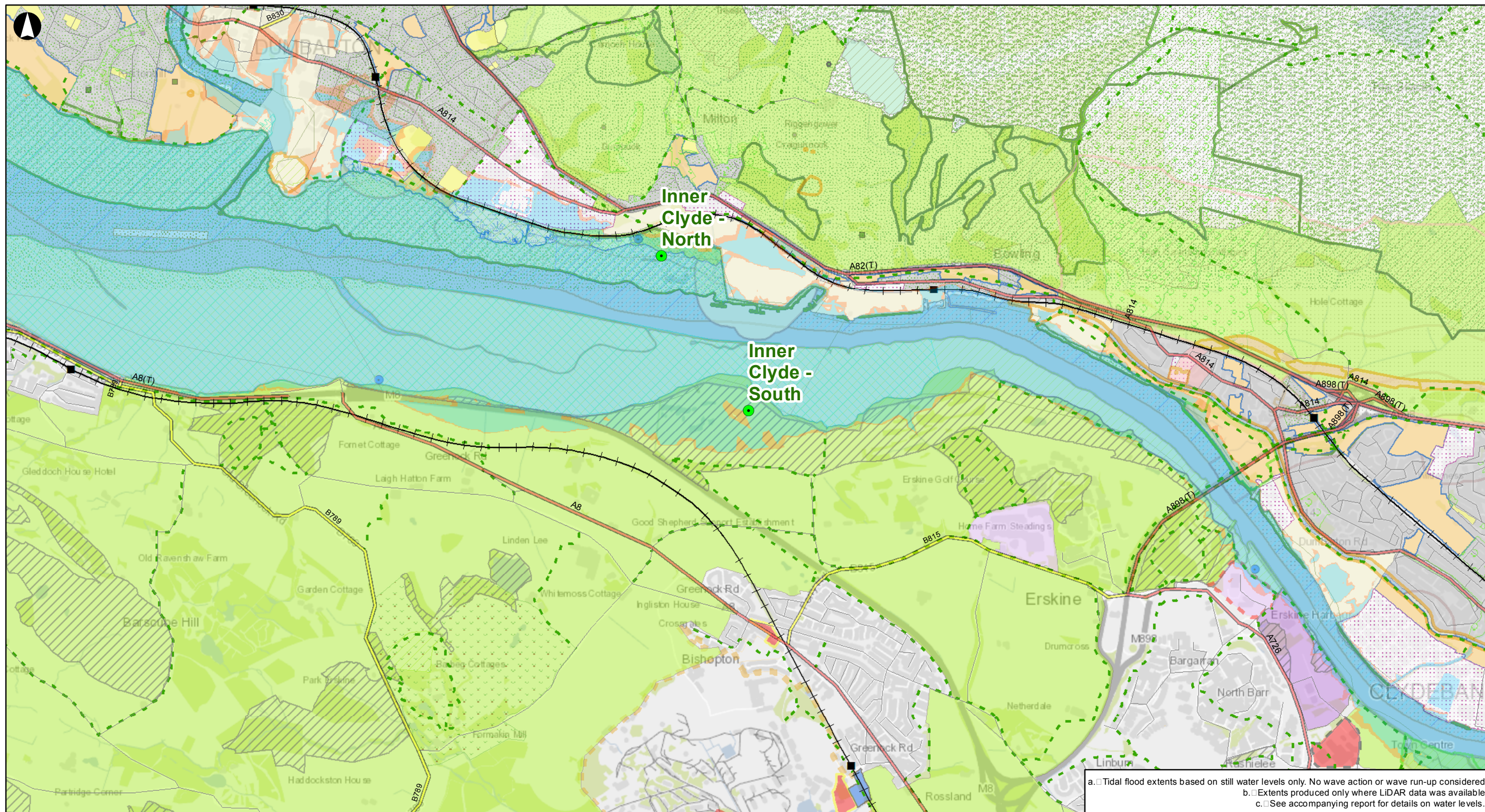
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Newshot Island
Estimated 1 in 1 year tidal
flood extents
Plan 4 of 4**

Scale at A3
1:15,000

Job No 232094-00	Drawing Status Final
Drawing No 013	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

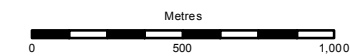
- Case Study Locations
- Tidal Flood Extents**
 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Business & Industry Opportunities
 - Business & Industry
 - Changing Places
- Tree Preservation Orders
- Open Spaces
- Housing opportunities
- Core Paths
- I3 - Potential Transport Improvements
- Roadside services
- Waste management site
- Local Service Centre
- Core Town Centre
- REIL
- E1 - SEIL
- E1 - Local Industrial Areas
- E3 - Transition Areas
- Nature Conservation Sites

- Conservation Areas
- Nature Conservation Sites
- Green Belt
- BE4
- E7
- DC5 - Notification Zones
- BE1 - Article 4 Directions
- DC3 - Safeguarding Zone
- Aggregate extraction
- Existing neighbourhoods
- HSE notification zone
- Local centres
- Plan boundary
- SEIL

Environmental Layers

- Additional Salt Marsh Areas
- Hotspots of Species Richness
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Scotland Important Bird Areas

- TPO
- Water environment
- Countryside
- Places
 - P1 - Existing Policies
 - P5 - CGA
- Shoreline Waters
- Dredge Sites
- Salt Marshes
- Ramsar
- Local Landscape Area
- Gardens & Designed Landscape Points
- Gardens
- Gardens & Designated Landscapes
- World Heritage Site - Antonine Wall
- World Heritage Site - Antonine Wall Buffer

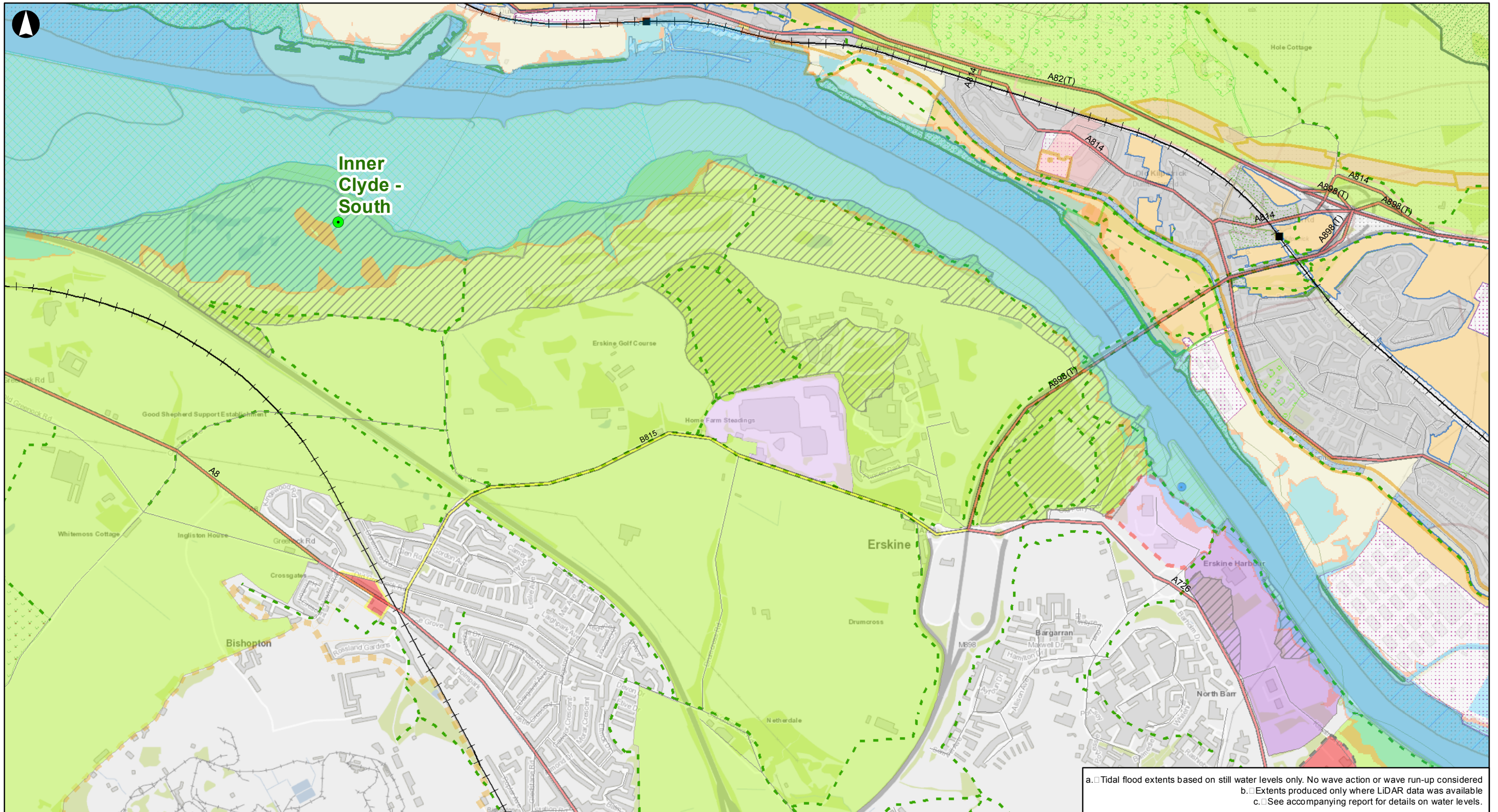


Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Inner Clyde - South
Estimated 1 in 1 year tidal
flood extents
Overview**

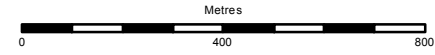
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Job No 232094-00	Drawing Status Final
Drawing No 014	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents**
 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Business & Industry Opportunities
- Business & Industry**
 - Business & Industry
 - Changing Places
 - Tree Preservation Orders
 - Open Spaces
 - Housing opportunities
 - Local Service Centre
 - Core Town Centre
 - REIL
 - E1 - Local Industrial Areas
 - E3 - Transition Areas
 - Conservation Areas
 - Nature Conservation Sites
- Green Belt**
 - Green Belt
 - BE4
 - E7
 - DC5 - Notification Zones
 - BE1 - Article 4 Directions
 - DC3 - Safeguarding Zone
 - Existing neighbourhoods
 - HSE notification zone
 - Plan boundary
 - SEIL
 - TPO
 - Water environment
- Places**
 - P1 - Existing Policies
 - P5 - CGA
 - Additional Salt Marsh Areas
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
 - Special Protection Areas (SPA)
 - Scotland Important Bird Areas
 - Shoreline Waters
- Environmental Layers**
 - ramsar
 - Local Landscape Area
 - Gardens & Designated Landscapes
 - World Heritage Site - Antonine Wall
 - World Heritage Site - Antonine Wall Buffer



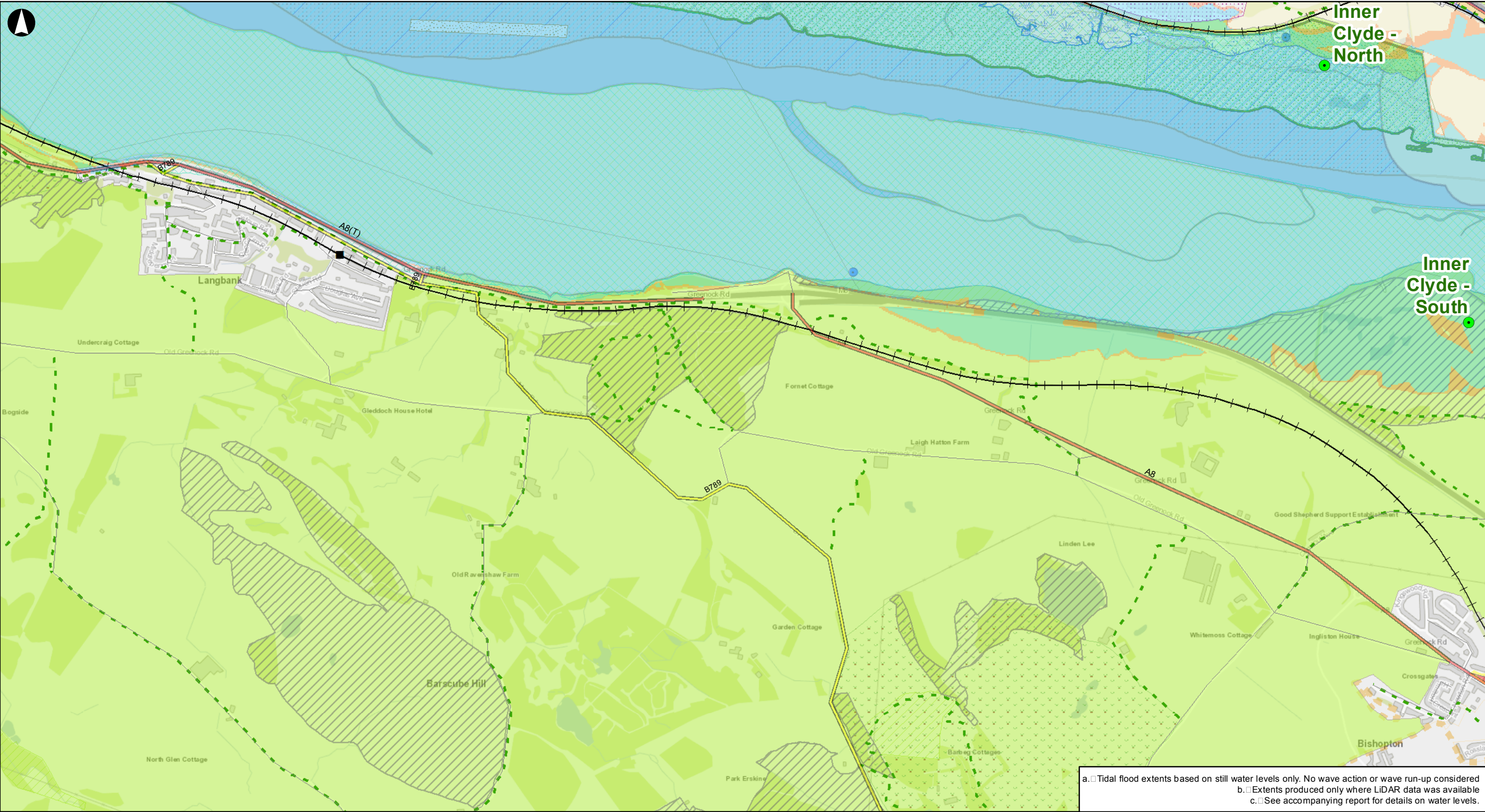
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Inner Clyde - South
Estimated 1 in 1 year tidal
flood extents
Plan 1 of 2**

Scale at A3
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Job No 232094-00	Drawing Status Final
Drawing No 015	Issue P0

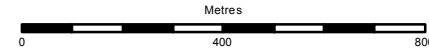


a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents**
 - 1 in 1 year tidal flood extent - Baseline 2008
 - 1 in 1 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Business & Industry Opportunities
 - Business & Industry
- Changing Places
- Tree Preservation Orders
- Open Spaces
- Roadside services
- Local Service Centre
- Conservation Areas
- Nature Conservation Sites
- E7
- DC5 - Notification Zones
- DC3 - Safeguarding Zone
- HSE notification zone
- Plan boundary
- Water environment
- Places**
 - P1 - Existing Policies
 - P5 - CGA
- Environmental Layers**
 - Additional Salt Marsh Areas
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
 - Special Protection Areas (SPA)
 - Scotland Important Bird Areas
 - Shoreline Waters
- Dredge Sites
- Salt Marshes
- ramsar
- Gardens & Designated Landscapes
- World Heritage Site - Antonine Wall
- World Heritage Site - Antonine Wall Buffer

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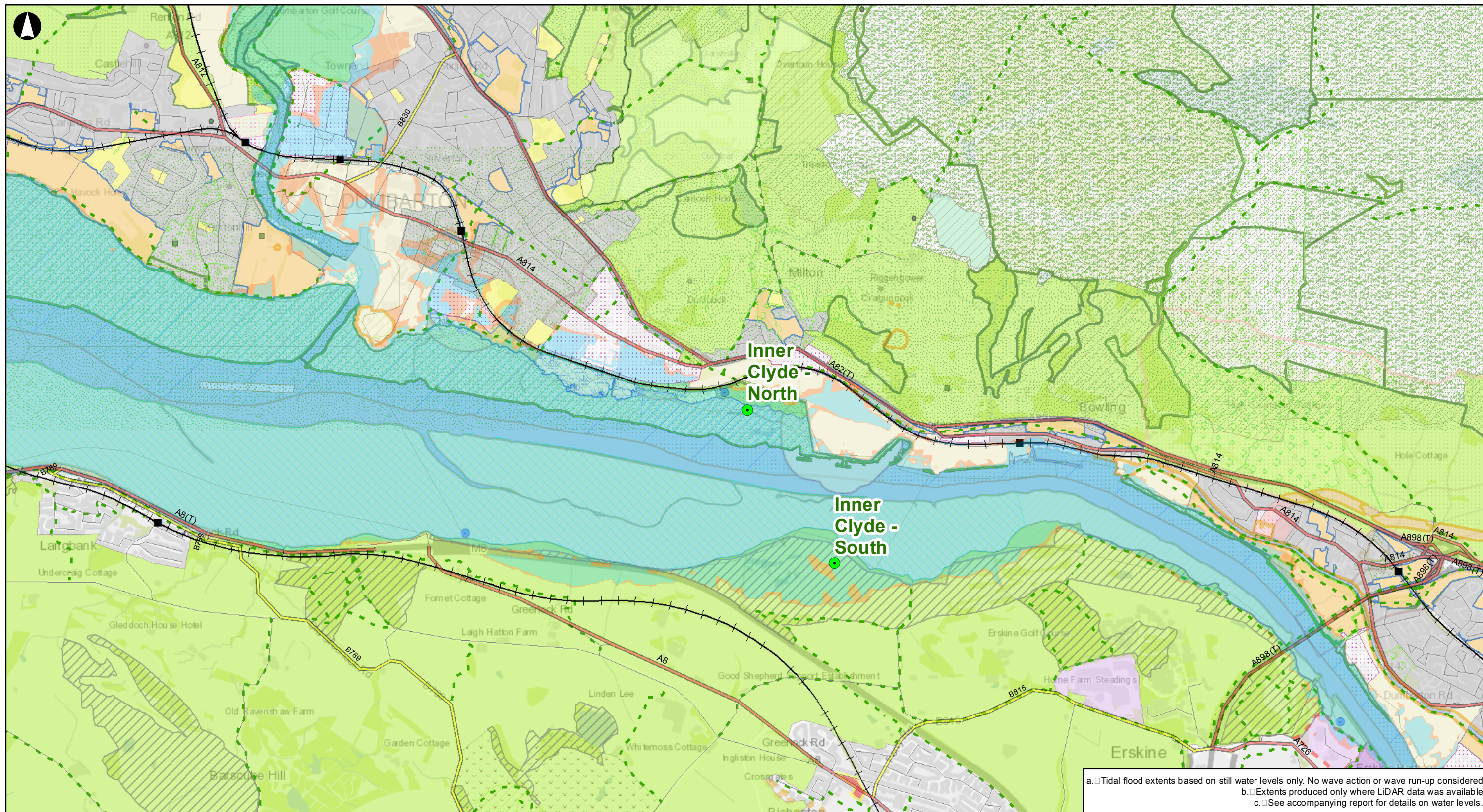
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Inner Clyde - South
Estimated 1 in 1 year tidal
flood extents
Plan 2 of 2**

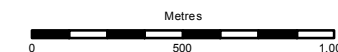
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Job No 232094-00	Drawing Status Final
Drawing No 016	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend				
Case Study Locations ● Case Study Locations	Tidal Flood Extents ■ 1 in 1 year tidal flood extent - Baseline 2008 ■ 1 in 1 year tidal flood extent - High Emissions 2080	Transport Infrastructure ■ Train Stations ■ A Roads ■ B Roads ■ Minor Roads ■ Railway ■ Core Paths ■ Core Paths ■ Business & Industry Opportunities ■ Business & Industry ■ Changing Places ■ Tree Preservation Orders	Open Spaces ■ Open Spaces ■ Housing opportunities ■ Core Paths ■ Roadside services ■ Waste management site ■ Local Service Centre ■ REIL ■ E1 - Local Industrial Areas ■ E3 - Transition Areas ■ Nature Conservation Sites ■ Conservation Areas ■ Nature Conservation Sites ■ Green Belt ■ BE4 ■ Environmental Improvement Opportunities	Environmental Layers ■ P5 - CGA ■ Additional Salt Marsh Areas ■ Hotspots of Species Richness ■ Local Nature Reserves (LNR) ■ Sites of Importance for Nature Conservation (SINCs) ■ Scheduled Ancient Monuments ■ Sites of Special Scientific Interest (SSSI) ■ Special Protection Areas (SPA) ■ Scotland Important Bird Areas ■ Shoreline Waters ■ Dredge Sites ■ Salt Marshes ■ Ramsar ■ Local Landscape Area
Places ■ P1 - Existing Policies	Environmental Layers ■ E7 ■ DC5 - Notification Zones ■ BE1 - Article 4 Directions ■ DC3 - Safeguarding Zone ■ Aggregate extraction ■ Existing neighbourhoods ■ HSE notification zone ■ Local centres ■ Plan boundary ■ SEIL ■ TPO ■ Water environment ■ Community facility opportunity ■ Countryside	Gardens & Designed Landscape Points ■ Gardens & Designed Landscape Points ■ Gardens ■ Gardens & Designated Landscapes ■ World Heritage Site - Antonine Wall ■ World Heritage Site - Antonine Wall Buffer	Places ■ P1 - Existing Policies	Places ■ P1 - Existing Policies



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - North
Estimated 1 in 1 year tidal
flood extents
Overview

Scale at A3

1:25,000

Job No

232094-00

Drawing Status

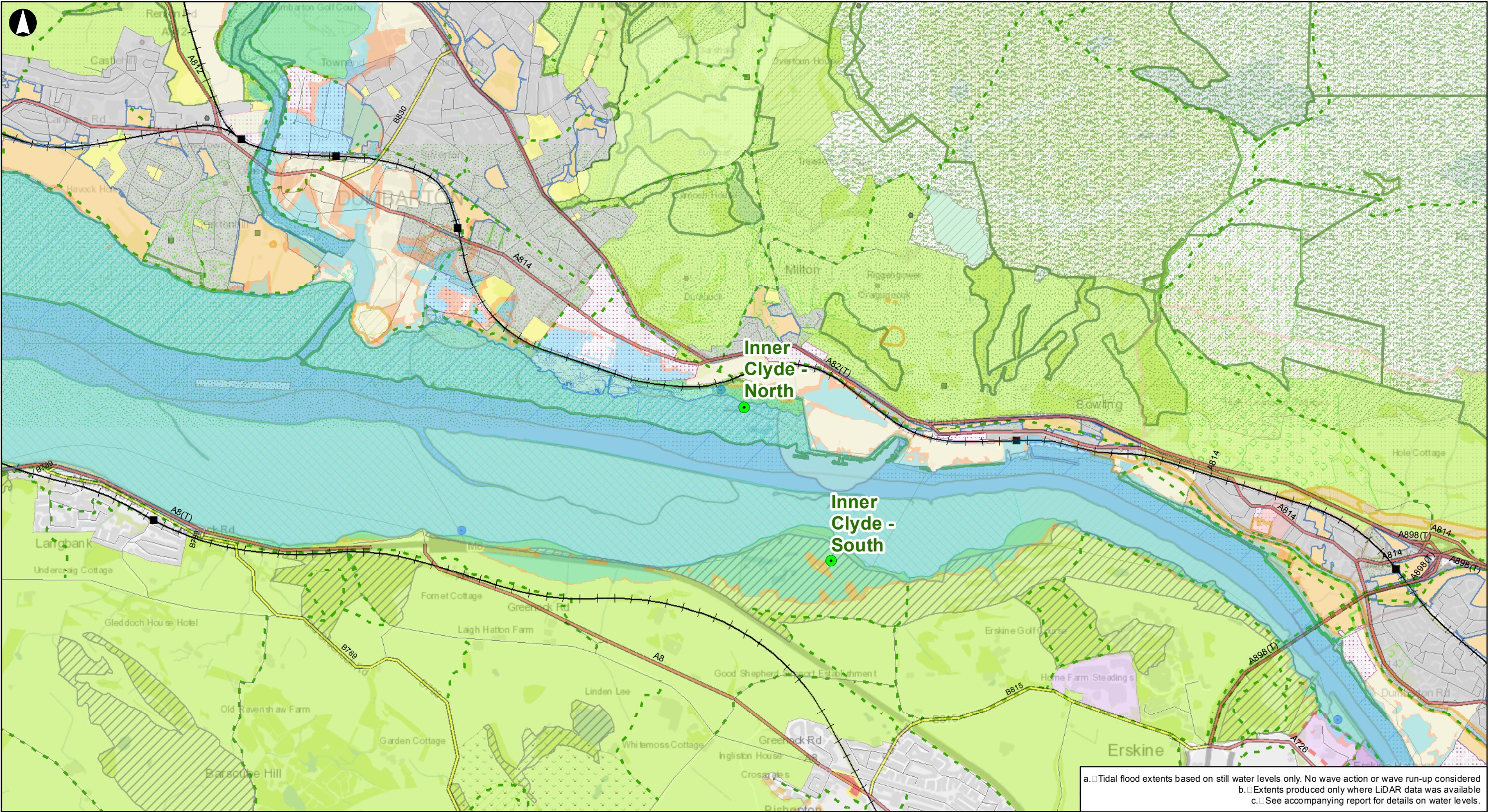
Final

Drawing No

017

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

● Case Study Locations

■ Tidal Flood Extents

1 in 1 year tidal flood extent - Baseline 2008

1 in 1 year tidal flood extent - High Emissions 2080

Transport Infrastructure

■ Train Stations

A Roads

B Roads

Minor Roads

Railway

Core Paths

Core Paths

Business & Industry Opportunities

Business & Industry

Changing Places

Tree Preservation Orders

Open Spaces

Housing opportunities

Core Paths

Roadside services

Waste management site

Local Service Centre

REIL

E1 - Local Industrial Areas

E3 - Transition Areas

Nature Conservation Sites

Conservation Areas

Nature Conservation Sites

Green Belt

BE4

Environmental Improvement Opportunities

E7

DC5 - Notification Zones

BE1 - Article 4 Directions

DC3 - Safeguarding Zone

Aggregate extraction

Existing neighbourhoods

HSE notification zone

Local centres

Plan boundary

SEIL

TPO

Water environment

Community facility opportunity

Countryside

Places

P1 - Existing Policies

P5 - CGA

Environmental Layers

Additional Salt Marsh Areas

Hotspots of Species Richness

Local Nature Reserves (LNR)

Sites of Importance for Nature Conservation (SINCs)

Scheduled Ancient Monuments

Sites of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

Scotland Important Bird Areas

Shoreline Waters

Dredge Sites

Salt Marshes

Ramsar

Local Landscape Area

Gardens & Designed Landscape Points

Gardens

Gardens & Designated Landscapes

World Heritage Site - Antonine Wall

World Heritage Site - Antonine Wall Buffer

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Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Inner Clyde - North
Estimated 1 in 1 year tidal
flood extents
Plan 1 of 3**

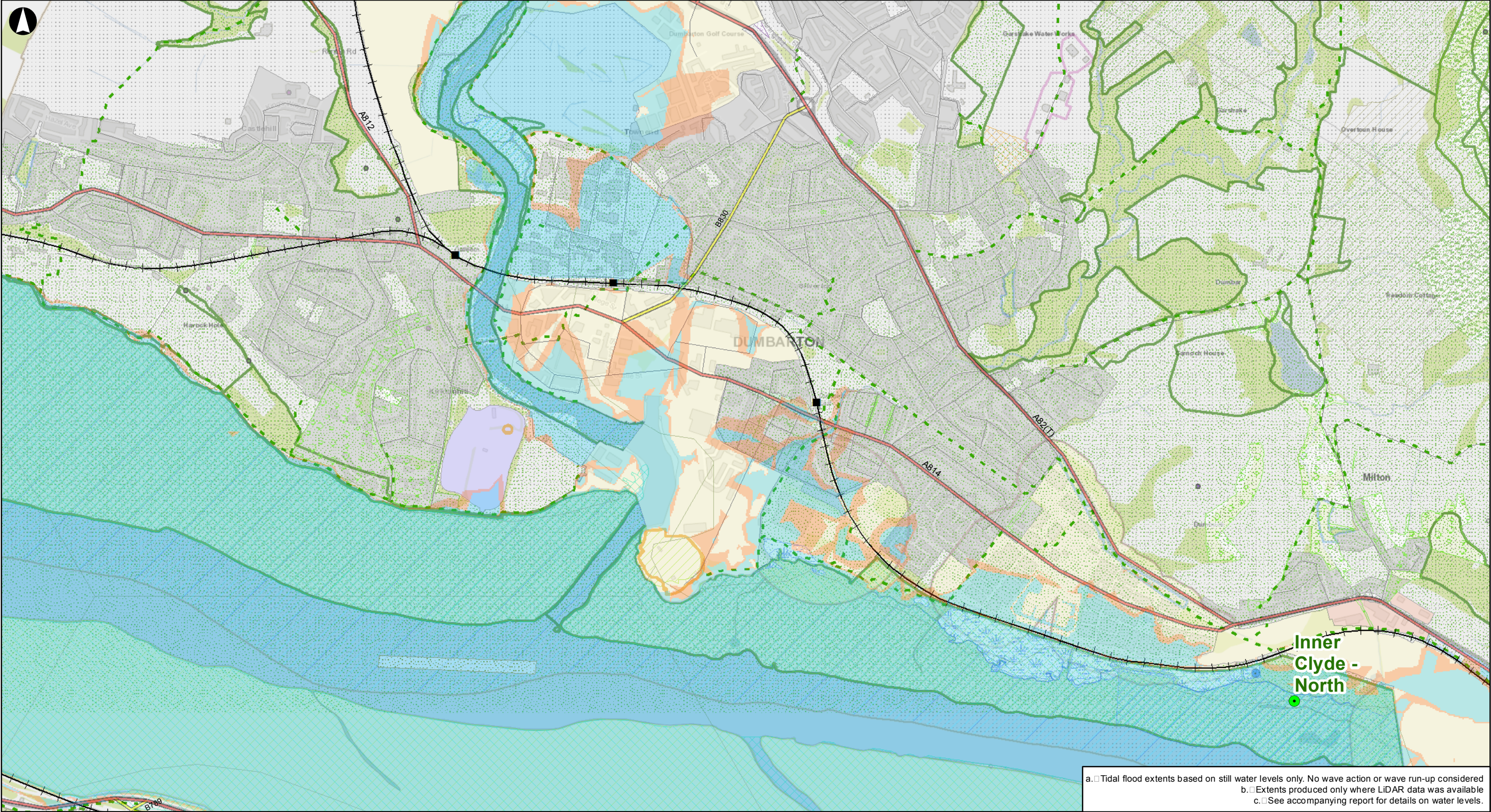
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Job No
232094-00

Drawing Status
Final

Drawing No
018

Issue
P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

● Case Study Locations

1 in 1 year tidal flood extent - Baseline 2008

1 in 1 year tidal flood extent - High Emissions 2080

■ Train Stations

A Roads

B Roads

Minor Roads

Railway

Core Paths

Core Paths

Changing Places

Tree Preservation Orders

Core Paths

Roadside services

Nature Conservation Sites

Conservation Areas

Nature Conservation Sites

BE4

Environmental Improvement Opportunities

E7

DC5 - Notification Zones

DC3 - Safeguarding Zone

Aggregate extraction

Existing neighbourhoods

HSE notification zone

Local centres

Plan boundary

SEIL

TPO

Water environment

Community facility opportunity

Countryside

Places

P1 - Existing Policies

Environmental Layers

Additional Salt Marsh Areas

Hotspots of Species Richness

Local Nature Reserves (LNR)

Sites of Importance for Nature Conservation (SINCs)

Scheduled Ancient Monuments

Sites of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

Scotland Important Bird Areas

Shoreline Waters

Dredge Sites

Salt Marshes

ramsar

Local Landscape Area

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Metres

0400800

Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - North
Estimated 1 in 1 year tidal
flood extents
Plan 2 of 3

Scale at A3

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Job No

232094-00

Drawing Status

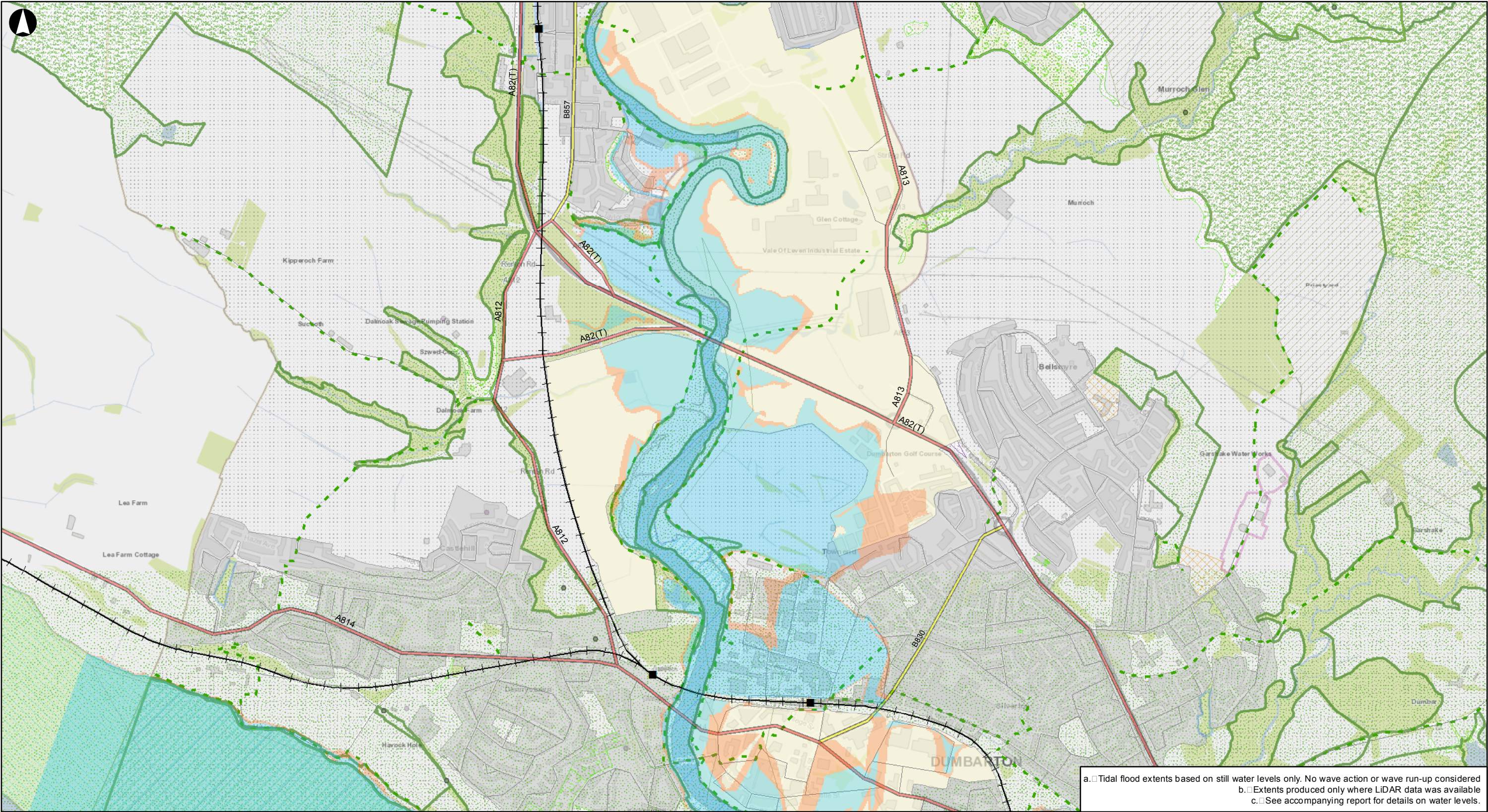
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Issue

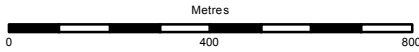
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a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- | | | |
|--|---|---|
| Tidal Flood Extents | Nature Conservation Sites | Community facility opportunity |
| 1 in 1 year tidal flood extent - Baseline 2008 | BE4 | Countryside |
| 1 in 1 year tidal flood extent - High Emissions 2080 | Environmental Improvement Opportunities | Hotspots of Species Richness |
| Transport Infrastructure | E7 | Local Nature Reserves (LNR) |
| Train Stations | DC5 - Notification Zones | Sites of Importance for Nature Conservation (SINCs) |
| A Roads | DC3 - Safeguarding Zone | Scheduled Ancient Monuments |
| B Roads | Existing neighbourhoods | Sites of Special Scientific Interest (SSSI) |
| Minor Roads | HSE notification zone | Special Protection Areas (SPA) |
| Railway | Local centres | Scotland Important Bird Areas |
| Core Paths | Plan boundary | Ramsar |
| Changing Places | SEIL | Local Landscape Area |
| Tree Preservation Orders | TPO | |
| Nature Conservation Sites | Water environment | |
| Conservation Areas | | |



Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

Impact of sea level rise and storm surge

**Case study area
Inner Clyde - North
Estimated 1 in 1 year tidal
flood extents
Plan 3 of 3**

Scale at A3

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Job No

232094-00

Drawing Status

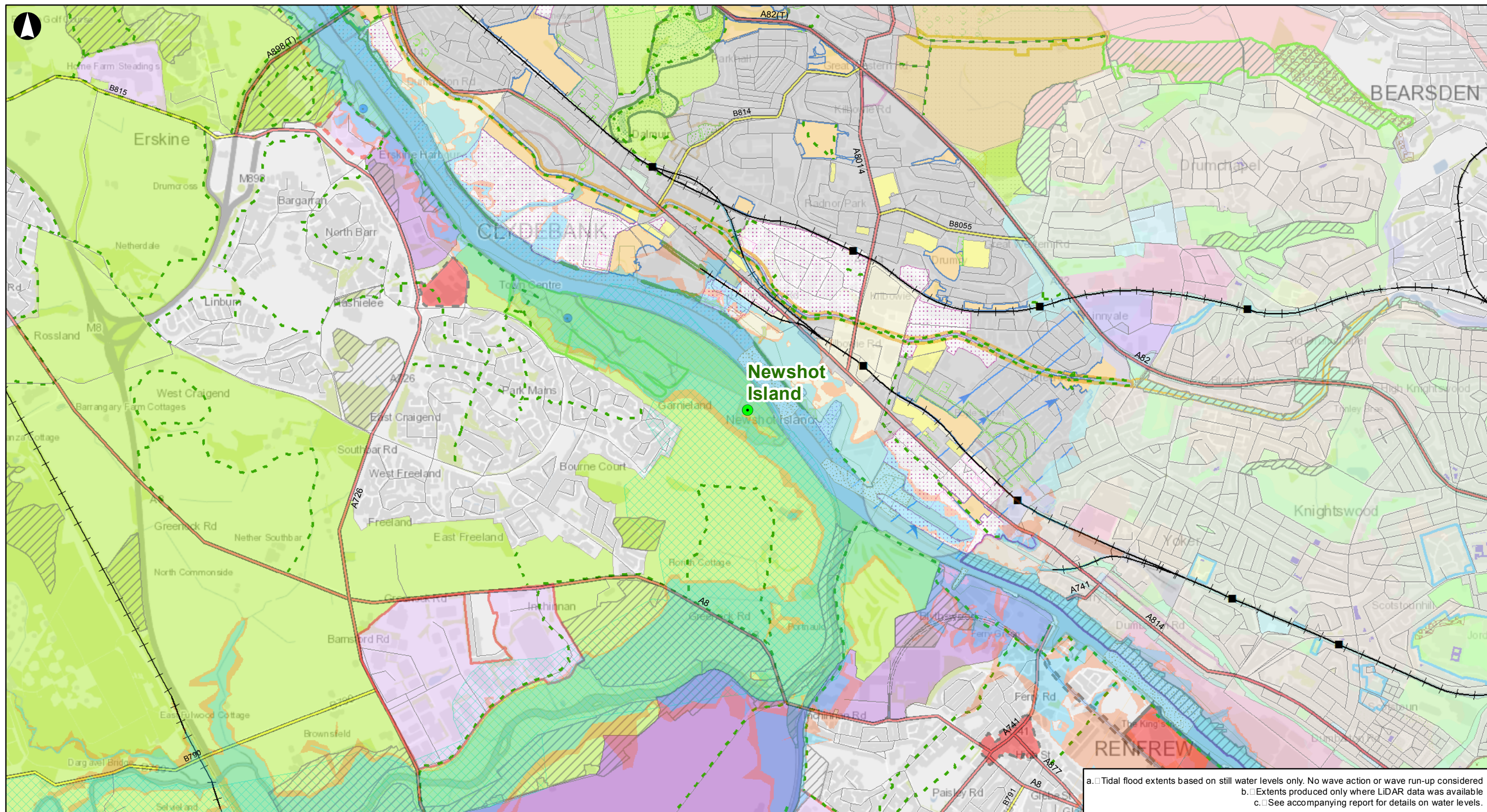
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Issue

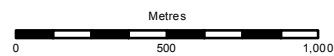
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a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080
- Transport Infrastructure
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Civic, Hospitals and Tertiary Education
 - Green Belt
 - Greenspace
 - Industry and Business
- Other Retail and Commercial
- Residential
- Town Centre
- Transport Infrastructure
- Tier 3 - Local Town Centre
- Inner Urban Area
- Base
- High
- Core Economic Development Areas
- Business & Industry Opportunities
- Business & Industry
- Changing Places
- Tree Preservation Orders
- Open Spaces
- Housing opportunities
- REIL
- E1 - SEIL
- E1 - Local Industrial Areas
- E3 - Transition Areas
- E5 - Glasgow Airport
- Conservation Areas
- Nature Conservation Sites
- Green Belt
- BE4
- Environmental Improvement Opportunities
- DC5 - Notification Zones
- BE1 - Article 4 Directions
- DC3 - Safeguarding Zone
- Existing neighbourhoods
- HSE notification zone
- Local centres
- Plan boundary
- SEIL
- TPO
- Water environment
- Community facility opportunity
- Places
- P1 - Existing Policies
- World Heritage Site - Antonine Wall Buffer
- Listed Building
- Scheduled Ancient Monument
- Ancient, Long-Established or Semi-Natural Woodland
- Sites of Special Landscape Importance
- Green Corridors
- Additional Salt Marsh Areas
- Hotspots of Species Richness
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Scotland Important Bird Areas
- Dredge Sites
- Jamsar
- Gardens & Designated Landscapes
- Historic Gardens and Designated Landscapes
- Location of Tree Preservation Orders
- World Heritage Site - Antonine Wall

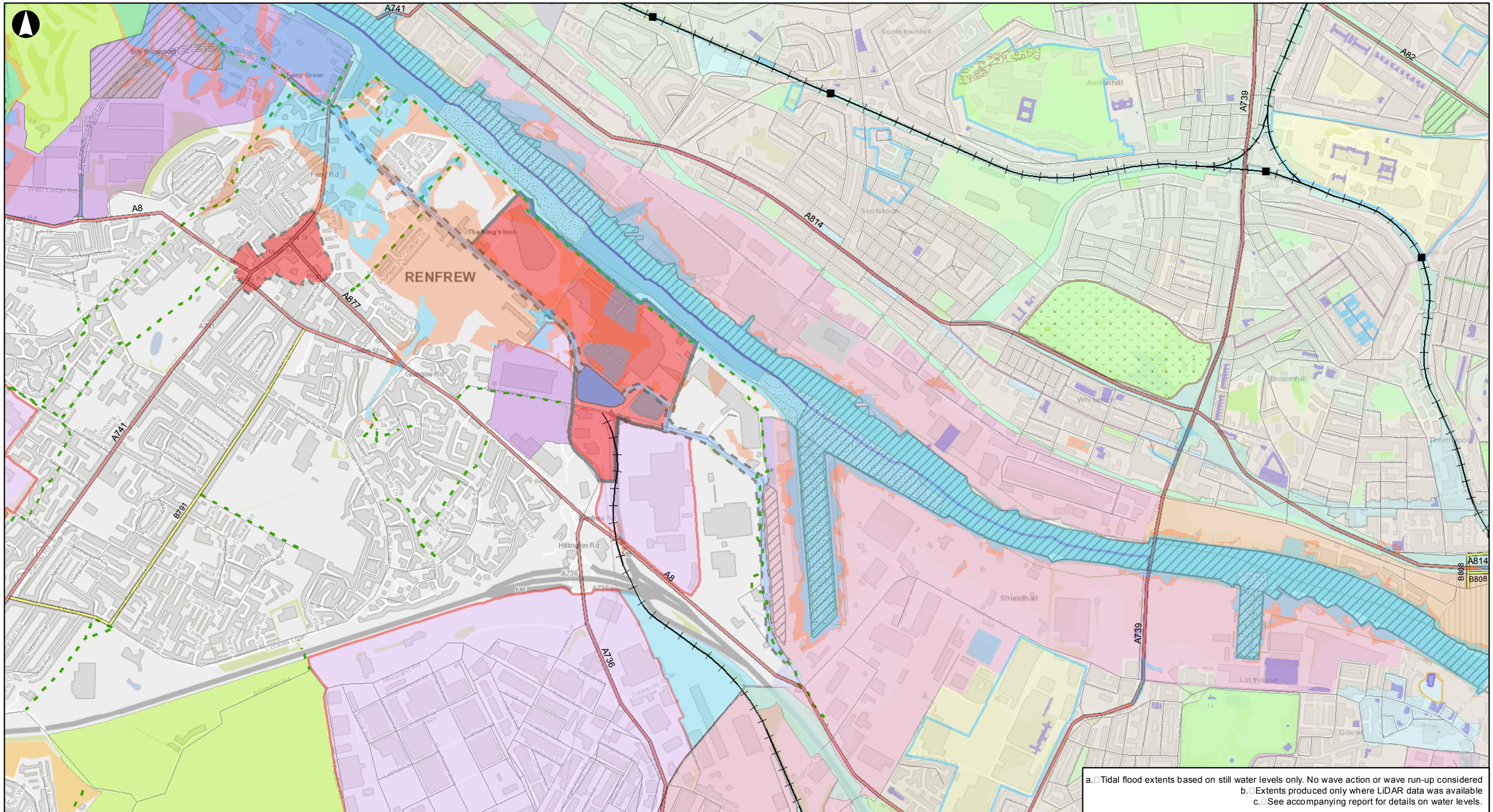


Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

Case study area
Newshot Island
Estimated 1 in 200 year tidal
flood extents
Overview

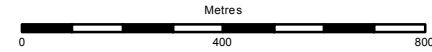
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Job No	232094-00	Drawing Status	Final
Drawing No	021	Issue	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Tidal Flood Extents**
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Civic, Hospitals and Tertiary Education
 - Greenspace
 - Industry and Business
 - Mixed Development
 - Other Retail and Commercial
 - Residential
 - Town Centre
- Transport Infrastructure**
 - Transport Infrastructure
 - Tier 2 - Principal Retail Area
 - Tier 2 - Major Town Centre
 - Tier 3 - Local Town Centre
 - Edge of Centre - Tier 2
 - Inner Urban Area
 - Base
 - High
 - Strategic Industrial and Business Areas (IB2)
 - Core Economic Development Areas
 - Business & Industry Opportunities
 - Business & Industry
 - Tree Preservation Orders
 - Open Spaces
 - I4 - Fastlink
 - I2 - Freight
- Places**
 - P1 - Existing Policies
 - P4 - Housing Action Programme Sites
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
- Other**
 - I3 - Potential Transport Improvements
 - I3 - Potential Transport Improvements (Indicative)
 - Core Town Centre
 - Strategic Town Centre
 - E1 - SEL
 - E3 - Transition Areas
 - Conservation Areas
 - Nature Conservation Sites
 - Green Belt
 - Special Protection Areas (SPA)
 - Scotland Important Bird Areas
 - Dredge Sites
 - Gardens & Designated Landscapes
 - Historic Gardens and Designated Landscapes
 - Location of Tree Preservation Orders
 - World Heritage Site - Antonine Wall
 - World Heritage Site - Antonine Wall Buffer
 - Listed Building
 - Scheduled Ancient Monument
 - Listed Scheduled Ancient Monument
 - Ancient, Long-Established or Semi-Natural Woodland
 - Sites of Special Landscape Importance
 - Green Corridors



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Newshot Island
Estimated 1 in 200 year tidal
flood extents
Plan 1 of 4

Scale at A3

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Job No

232094-00

Drawing Status

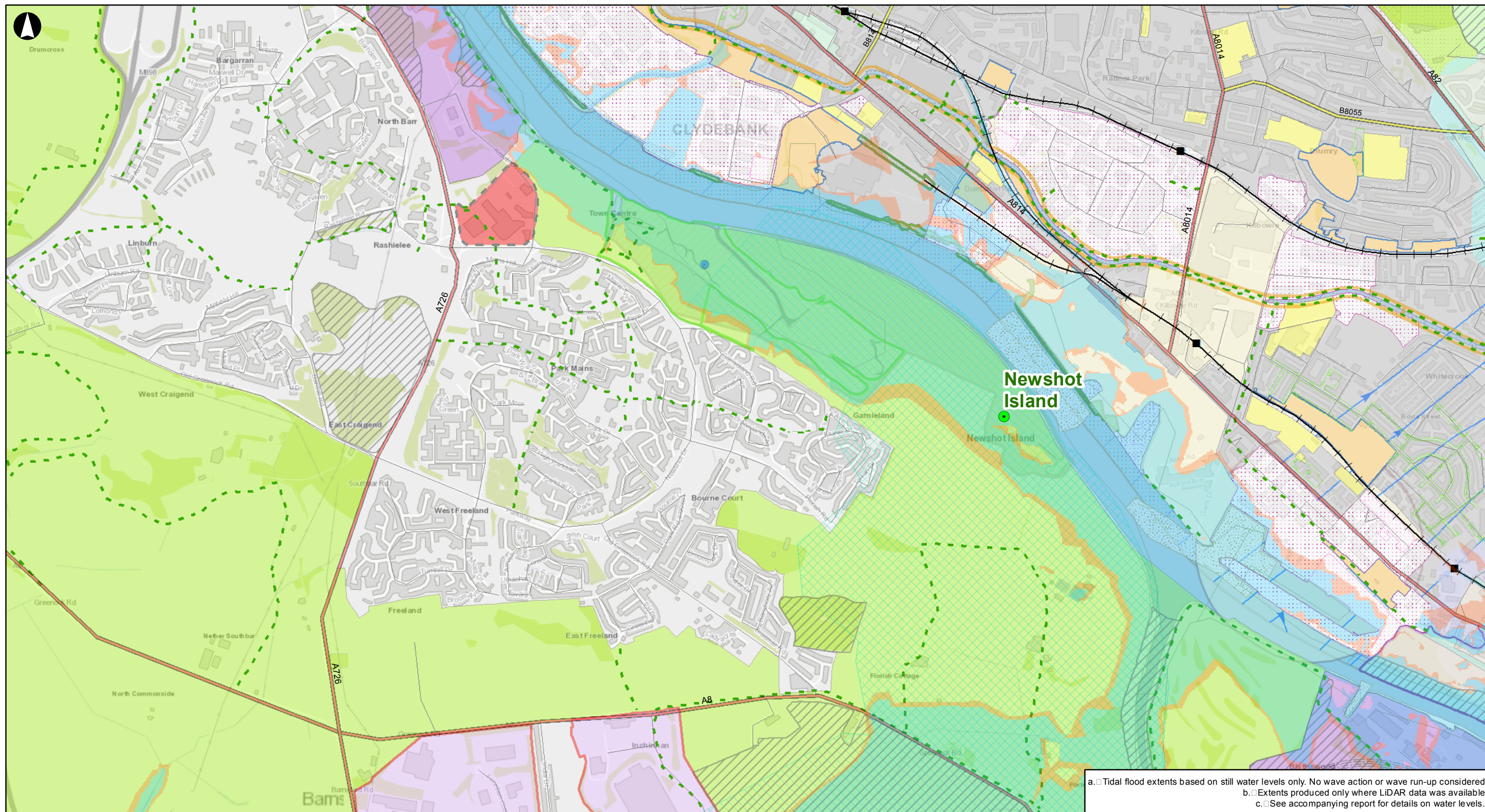
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Issue

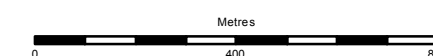
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a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents**
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080
- Transport Infrastructure**
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Green Belt
 - Residential
 - Transport Infrastructure
 - Inner Urban Area
 - Base
- High
- Core Economic Development Areas
- Business & Industry Opportunities
- Business & Industry
- Changing Places
- Tree Preservation Orders
- Open Spaces
- Housing opportunities
- IS - Potential Transport Improvements
- IS - Potential Transport Improvements (Indicative)
- Airport Noise
- Waste management site
- Core Town Centre
- E1 - SEIL
- E3 - Transition Areas
- Conservation Areas
- Nature Conservation Sites
- Green Belt
- BE4
- DC5 - Notification Zones
- DC3 - Safeguarding Zone
- Existing neighbourhoods
- HSE notification zone
- Local centres
- Plan boundary
- SEIL
- TPO
- Water environment
- Community facility opportunity
- Places
- P1 - Existing Policies
- Environmental Layers**
 - Additional Salt Marsh Areas
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
 - Special Protection Areas (SPA)
 - Scotland Important Bird Areas
 - Dredge Sites
 - ramsar
 - Gardens & Designated Landscapes
 - World Heritage Site - Antonine Wall
 - World Heritage Site - Antonine Wall Buffer
 - Sites of Special Landscape Importance
 - Green Corridors



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Newshot Island
Estimated 1 in 200 year tidal
flood extents
Plan 2 of 4

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

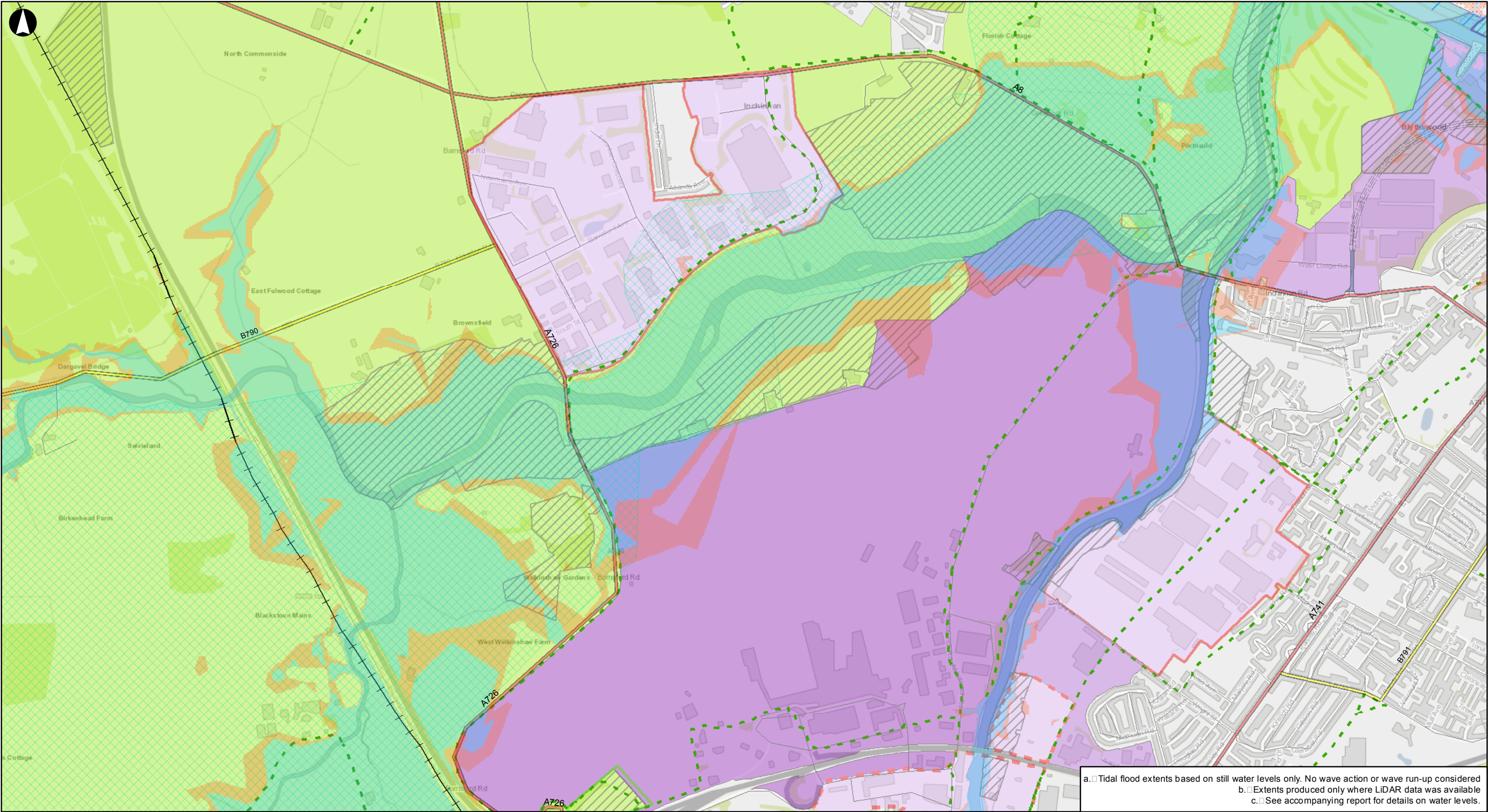
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Drawing No

023

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Tidal Flood Extents

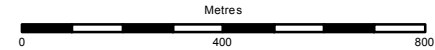
- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080
- A Roads
- B Roads
- Minor Roads
- Railway
- Core Paths
- Residential
- Inner Urban Area
- Core Economic Development Areas
- Business & Industry Opportunities
- Business & Industry

- Tree Preservation Orders
- Open Spaces
- I3 - Potential Transport Improvements
- I3 - Potential Transport Improvements (Indicative)
- Airport Noise
- E1 - SEIL
- E1 - Local Industrial Areas
- E3 - Transition Areas
- E5 - Glasgow Airport
- Conservation Areas
- Nature Conservation Sites
- Green Belt
- DC5 - Notification Zones

- DC3 - Safeguarding Zone
- HSE notification zone
- Plan boundary
- SEIL
- Places
 - P1 - Existing Policies
 - Hotspots of Species Richness
 - Local Nature Reserves (LNR)
 - Sites of Importance for Nature Conservation (SINCs)
 - Scheduled Ancient Monuments
 - Sites of Special Scientific Interest (SSSI)
 - Special Protection Areas (SPA)
 - Scotland Important Bird Areas

- Dredge Sites
- Gardens & Designated Landscapes
- World Heritage Site - Antonine Wall
- World Heritage Site - Antonine Wall Buffer
- Green Corridors

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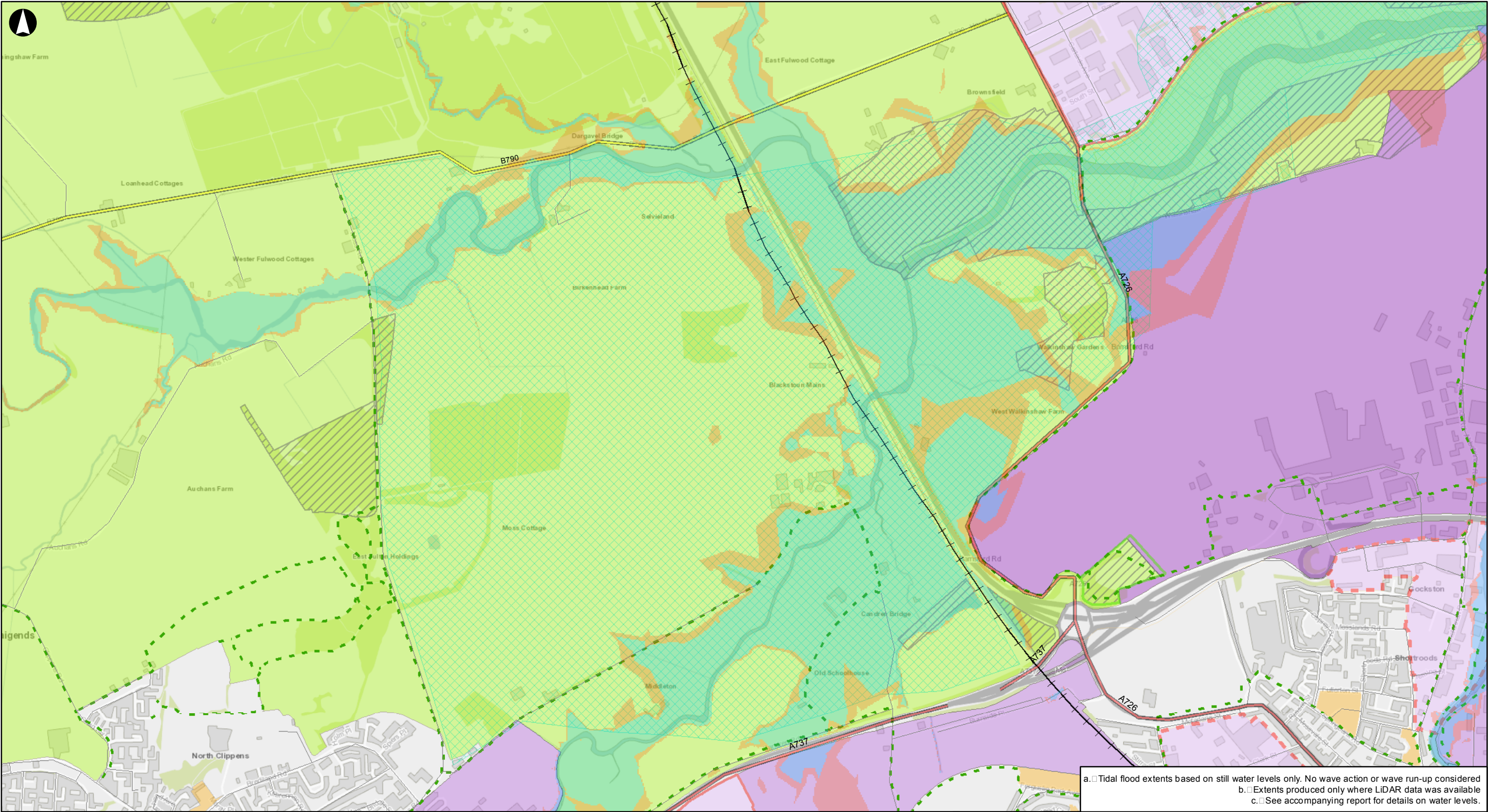
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Newshot Island
Estimated 1 in 200 year tidal
flood extents
Plan 3 of 4**

Scale at A3
1:15,000

Job No 232094-00	Drawing Status Final
Drawing No 024	Issue P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080

Transport Infrastructure

- Train Stations
- A Roads
- B Roads
- Minor Roads
- Railway
- Core Paths
- Business & Industry Opportunities
- Business & Industry
- Tree Preservation Orders
- Open Spaces

Places

- P1 - Existing Policies
- P4 - Housing Action Programme Sites
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)

E1 - SEIL

- E1 - Local Industrial Areas

E3 - Transition Areas

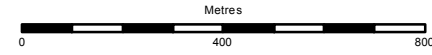
- E5 - Glasgow Airport

Conservation Areas

- Nature Conservation Sites
- Green Belt

Special Protection Areas (SPA)

- Scotland Important Bird Areas
- Gardens & Designated Landscapes
- World Heritage Site - Antonine Wall
- World Heritage Site - Antonine Wall Buffer

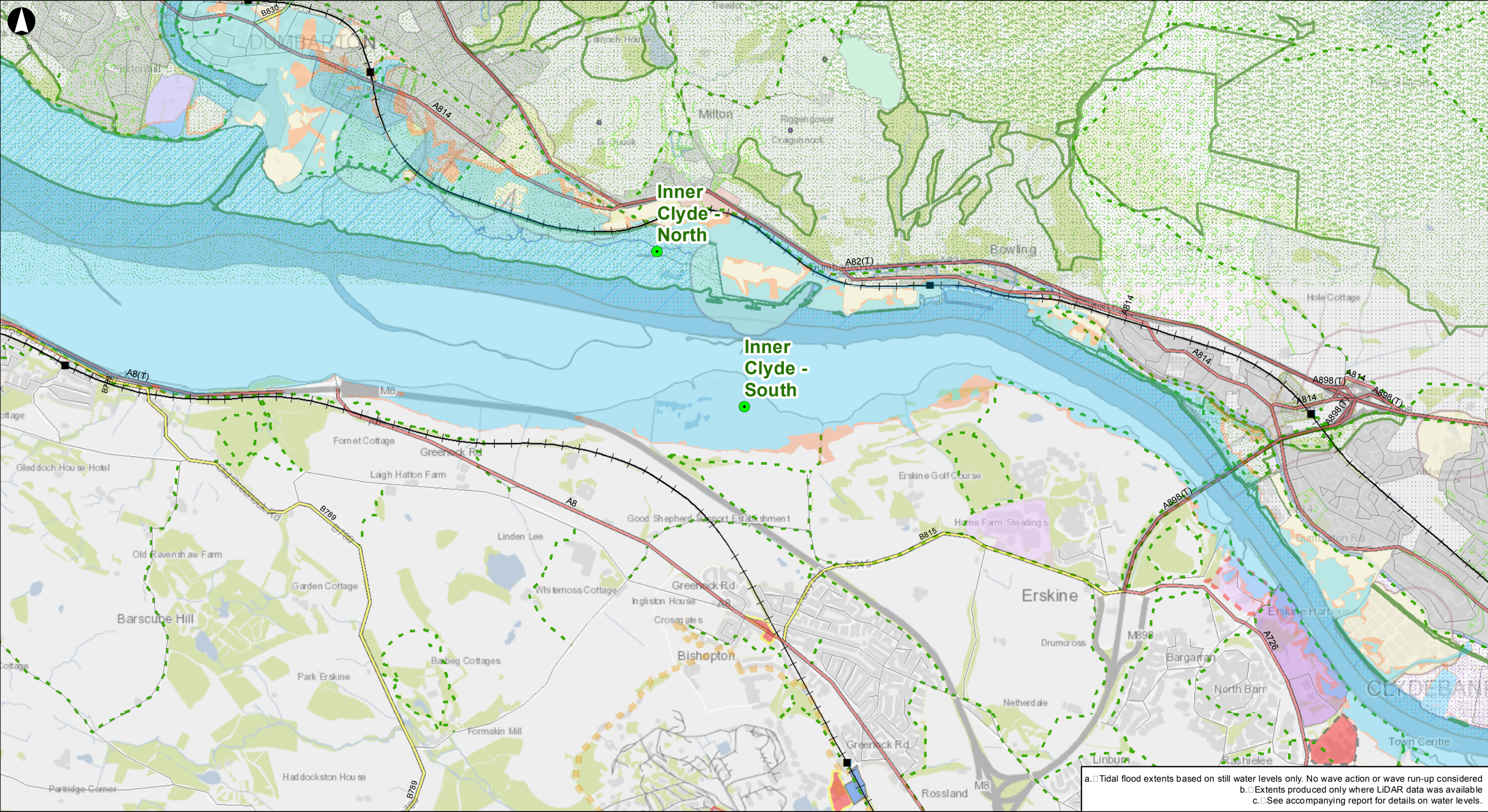


Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Newshot Island
Estimated 1 in 200 year tidal
flood extents
Plan 4 of 4**

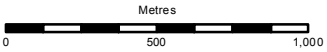
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Job No	232094-00		Drawing Status	Final
Drawing No	025		Issue	P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents
 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080
- Transport Infrastructure
 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Changing Places
 - Tree Preservation Orders
- Core Paths
- Roadside services
- Waste management site
- Local Service Centre
- Core Town Centre
- REIL
- E1 - SEIL
- E1 - Local Industrial Areas
- E3 - Transition Areas
- Nature Conservation Sites
- Conservation Areas
- Nature Conservation Sites
- BE4
- DC5 - Notification Zones
- BE1 - Article 4 Directions
- DC3 - Safeguarding Zone
- Aggregate extraction
- Existing neighbourhoods
- HSE notification zone
- Local centres
- Plan boundary
- SEIL
- TPO
- Water environment
- Countryside
- Places
 - P1 - Existing Policies
 - P5 - CGA



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - South
Estimated 1 in 200 year tidal
flood extents
Overview

Scale at A3

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Job No

232094-00

Drawing No

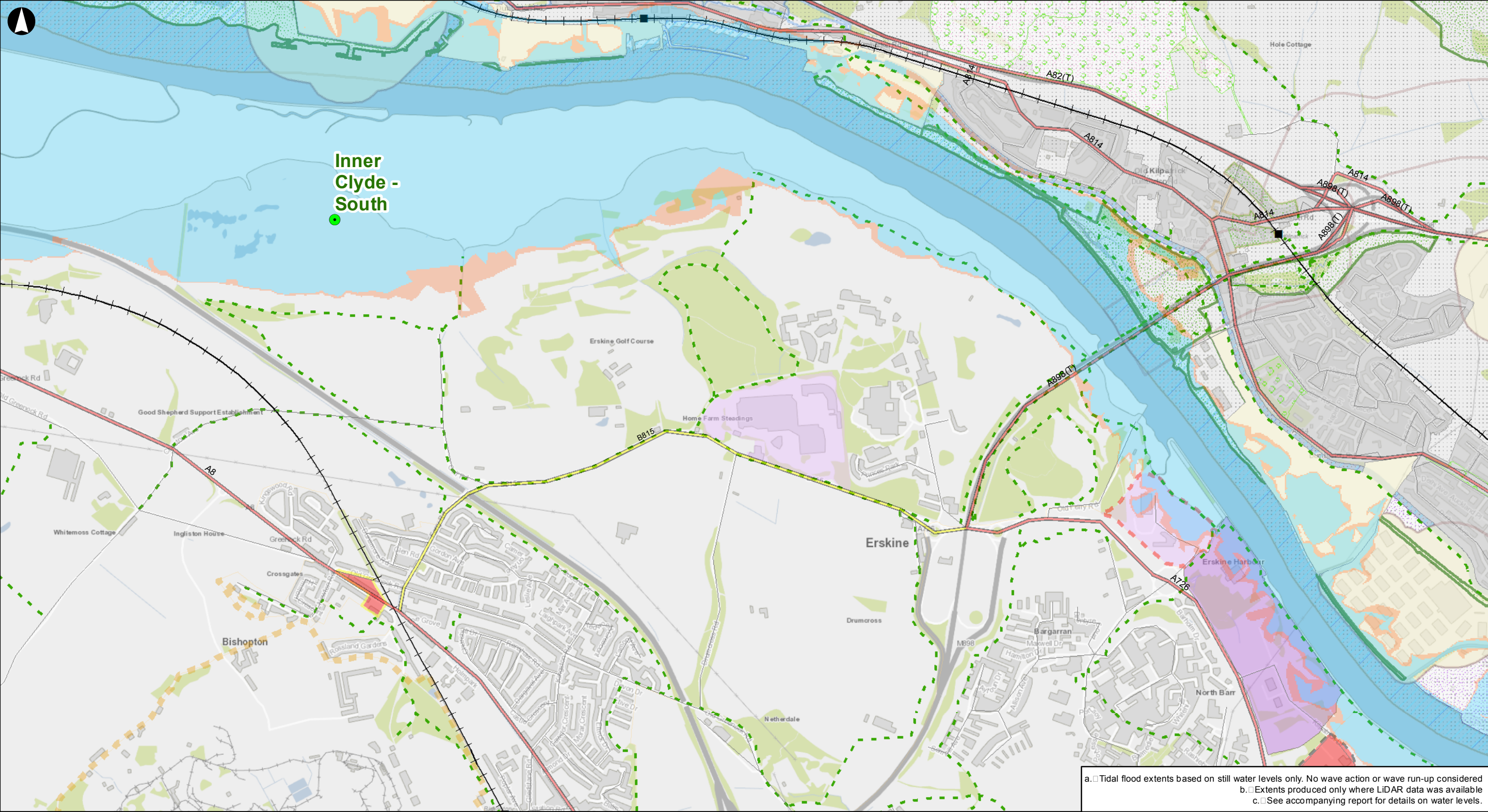
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Drawing Status

Final

Issue

P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

- Case Study Locations
- Tidal Flood Extents**
 - 1 in 200 year tidal flood extent - Baseline 2008
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- Transport Infrastructure**
 - Train Stations
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 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Changing Places
 - Tree Preservation Orders
- Local Service Centre
- Core Town Centre
- REIL
- E1 - Local Industrial Areas
- E3 - Transition Areas
- Conservation Areas
- Nature Conservation Sites
- BE4
- E7
- DC5 - Notification Zones
- BE1 - Article 4 Directions
- DC3 - Safeguarding Zone
- Existing neighbourhoods
- HSE notification zone
- Plan boundary
- SEIL
- TPO
- Water environment
- Places
 - P1 - Existing Policies
 - P5 - CGA

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Metres

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Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - South
Estimated 1 in 200 year tidal
flood extents
Plan 1 of 2

Scale at A3

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Job No

232094-00

Drawing Status

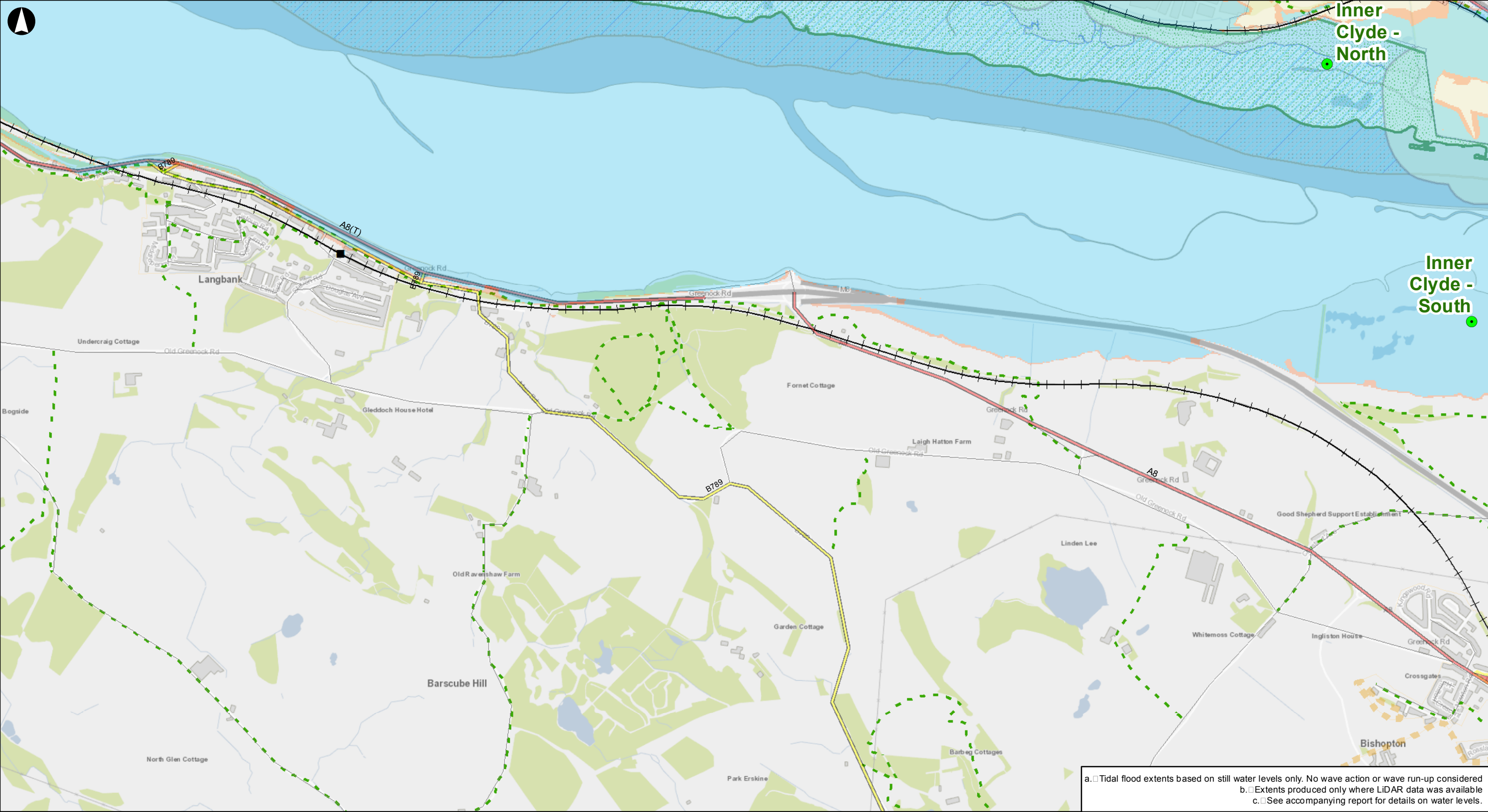
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Drawing No

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Issue

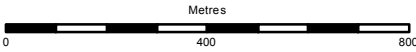
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a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
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Legend

- Case Study Locations
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 - Railway
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 - Core Paths
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- Roadside services
- Local Service Centre
- Conservation Areas
- Nature Conservation Sites
- E7
- DC5 - Notification Zones
- DC3 - Safeguarding Zone
- HSE notification zone
- Plan boundary
- Water environment
- Places
 - P1 - Existing Policies
 - P5 - CGA



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - South
Estimated 1 in 200 year tidal
flood extents
Plan 2 of 2

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

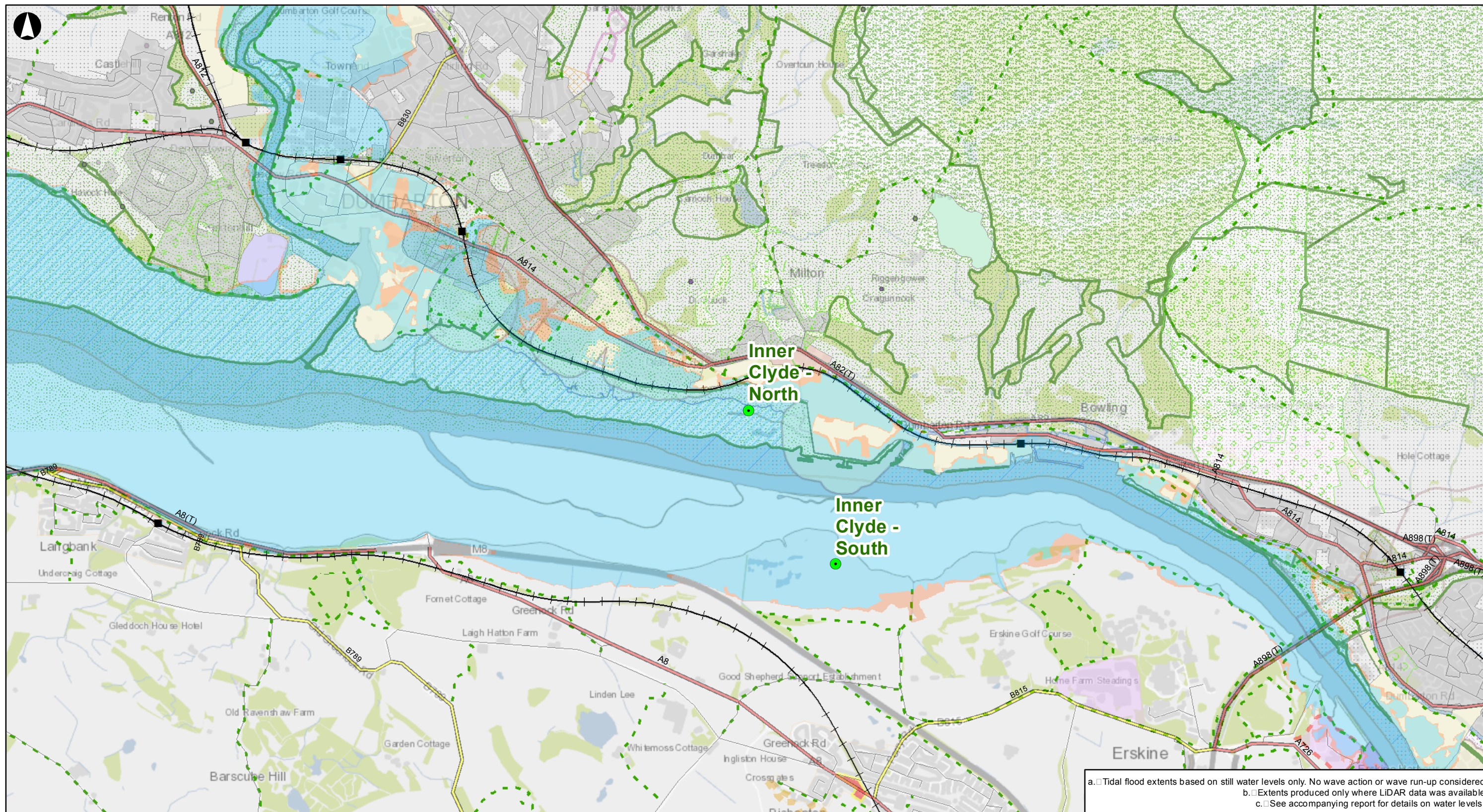
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Drawing No

028

Issue

P0



a. ☐ Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. ☐ Extents produced only where LiDAR data was available
c. ☐ See accompanying report for details on water levels

Legend

- Case Study Locations**

 - 1 in 200 year tidal flood extent - Baseline 2008
 - 1 in 200 year tidal flood extent - High Emissions 2080

Transport Infrastructure

 - Train Stations
 - A Roads
 - B Roads
 - Minor Roads
 - Railway
 - Core Paths
 - Core Paths
 - Changing Places
 - Tree Preservation Orders

Core Paths

 - Roadside services
 - Waste management site
 - Local Service Centre
 - REIL
 - E1 - Local Industrial Areas
 - E3 - Transition Areas
 - Nature Conservation Sites
 - Conservation Areas
 - Nature Conservation Sites
 - BE4
 - Environmental Improvement Opportunities
 - E7

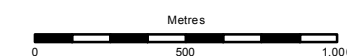
DC5 - Notification Zones

 - BE1 - Article 4 Directions
 - DC3 - Safeguarding Zone
 - Aggregate extraction
 - Existing neighbourhoods
 - HSE notification zone
 - Local centres
 - Plan boundary
 - SEIL
 - TPO
 - Water environment
 - Community facility opportunity
 - Countryside

Places

 - P1 - Existing Policies
 - P5 - CGA

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Client

**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - North
Estimated 1 in 200 year tidal
flood extents
Overview

Scale at A3

1:25,000

Job No

232094-00

	Drawing Status
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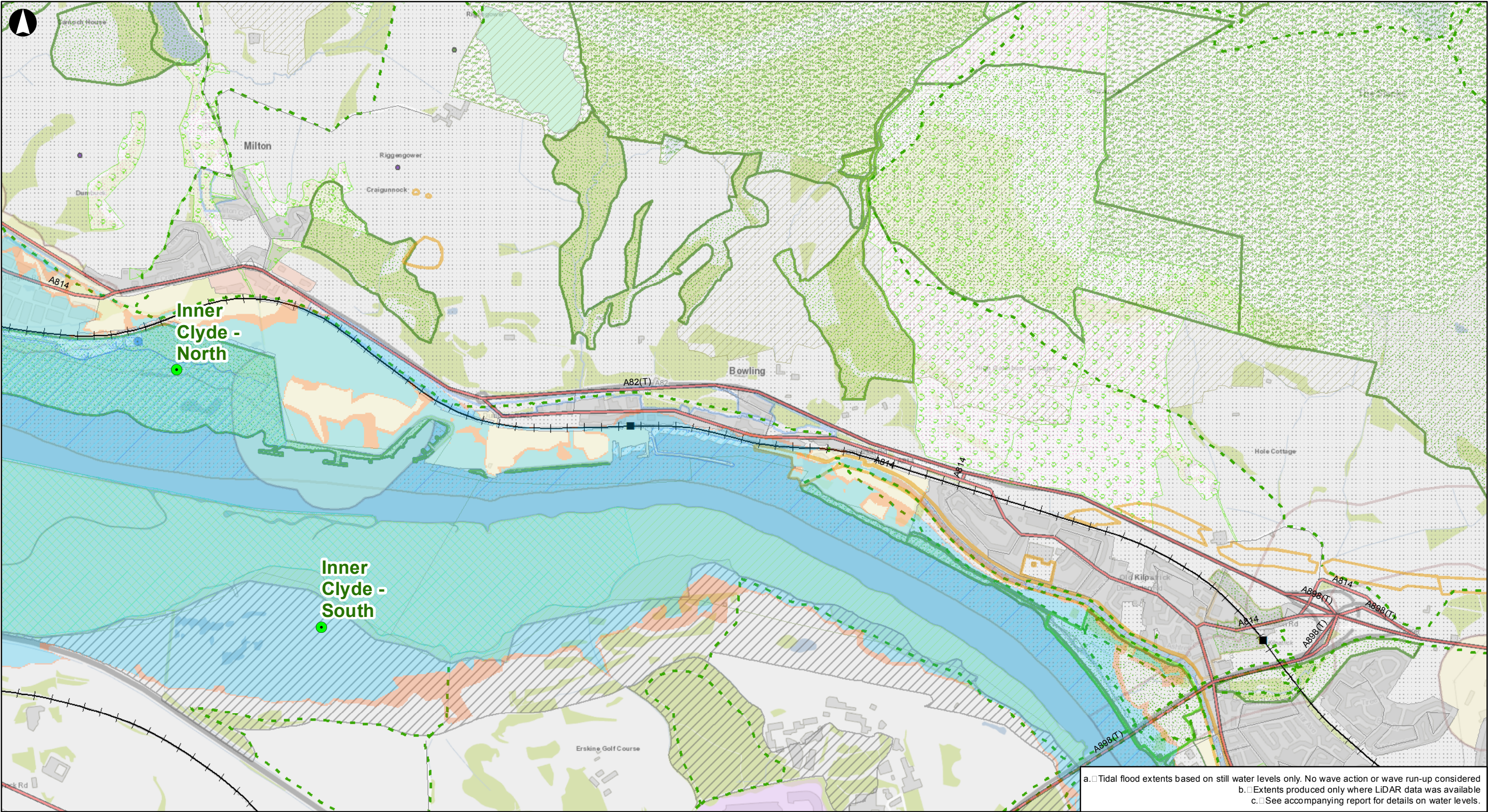
Final

Drawing No. _____

029

	Issue
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P0



a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
b. Extents produced only where LiDAR data was available
c. See accompanying report for details on water levels.

Legend

Case Study Locations

- Inner Clyde - North
- Inner Clyde - South

Tidal Flood Extents

- 1 in 200 year tidal flood extent - Baseline 2008
- 1 in 200 year tidal flood extent - High Emissions 2080

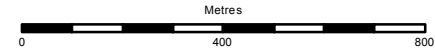
Transport Infrastructure

- Train Stations
- A Roads
- Minor Roads
- ⊢ Railway
- Core Paths
- Changing Places
- Tree Preservation Orders
- Roadside services

Environmental Layers

- Waste management site
- REIL
- Nature Conservation Sites
- Conservation Areas
- Nature Conservation Sites
- BE4
- E7
- DC5 - Notification Zones
- BE1 - Article 4 Directions
- DC3 - Safeguarding Zone
- Aggregate extraction
- Existing neighbourhoods
- HSE notification zone
- Plan boundary
- SEIL
- TPO
- Water environment
- Countryside
- Additional Salt Marsh Areas
- Hotspots of Species Richness
- Local Nature Reserves (LNR)
- Sites of Importance for Nature Conservation (SINCs)
- Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Scotland Important Bird Areas
- Shoreline Waters
- Salt Marshes
- ramsar
- Local Landscape Area

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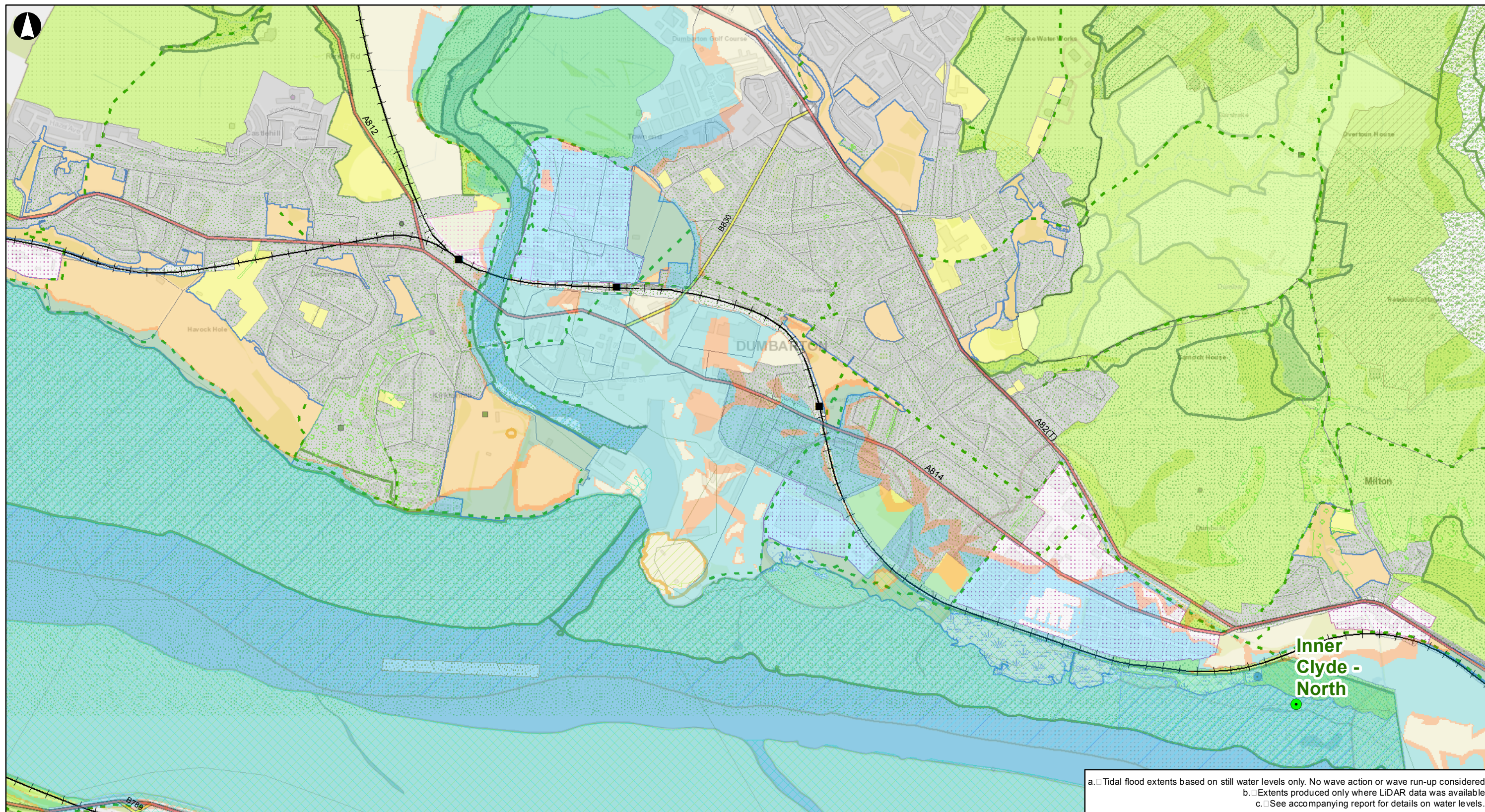
Client
**Scottish Natural Heritage
Firth of Clyde Forum**

Job Title
Impact of sea level rise and storm surge

**Case study area
Inner Clyde - North
Estimated 1 in 200 year tidal
flood extents
Plan 1 of 3**

Scale at A3
1:15,000

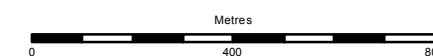
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a. Tidal flood extents based on still water levels only. No wave action or wave run-up considered
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Legend

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 - Railway
 - Core Paths
 - Core Paths
- Business & Industry Opportunities
- Business & Industry
- Changing Places
- Tree Preservation Orders
- Open Spaces
- Housing opportunities
- Core Paths
- Roadside services
- Nature Conservation Sites
- Conservation Areas
- Nature Conservation Sites
- Green Belt
- BE4
- Environmental Improvement Opportunities
- DC5 - Notification Zones
- DC3 - Safeguarding Zone
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- Existing neighbourhoods
- HSE notification zone
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- TPO
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- Community facility opportunity
- Countryside
- BE4
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 - Scheduled Ancient Monuments
- Sites of Special Scientific Interest (SSSI)
- Special Protection Areas (SPA)
- Scotland Important Bird Areas
- Shoreline Waters
- Dredge Sites
- Salt Marshes
- ramsar
- Local Landscape Area
- Gardens & Designed Landscape Points
- Gardens
- Gardens & Designated Landscapes
- World Heritage Site - Antonine Wall
- World Heritage Site - Antonine Wall Buffer



Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - North
Estimated 1 in 200 year tidal
flood extents
Plan 2 of 3

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

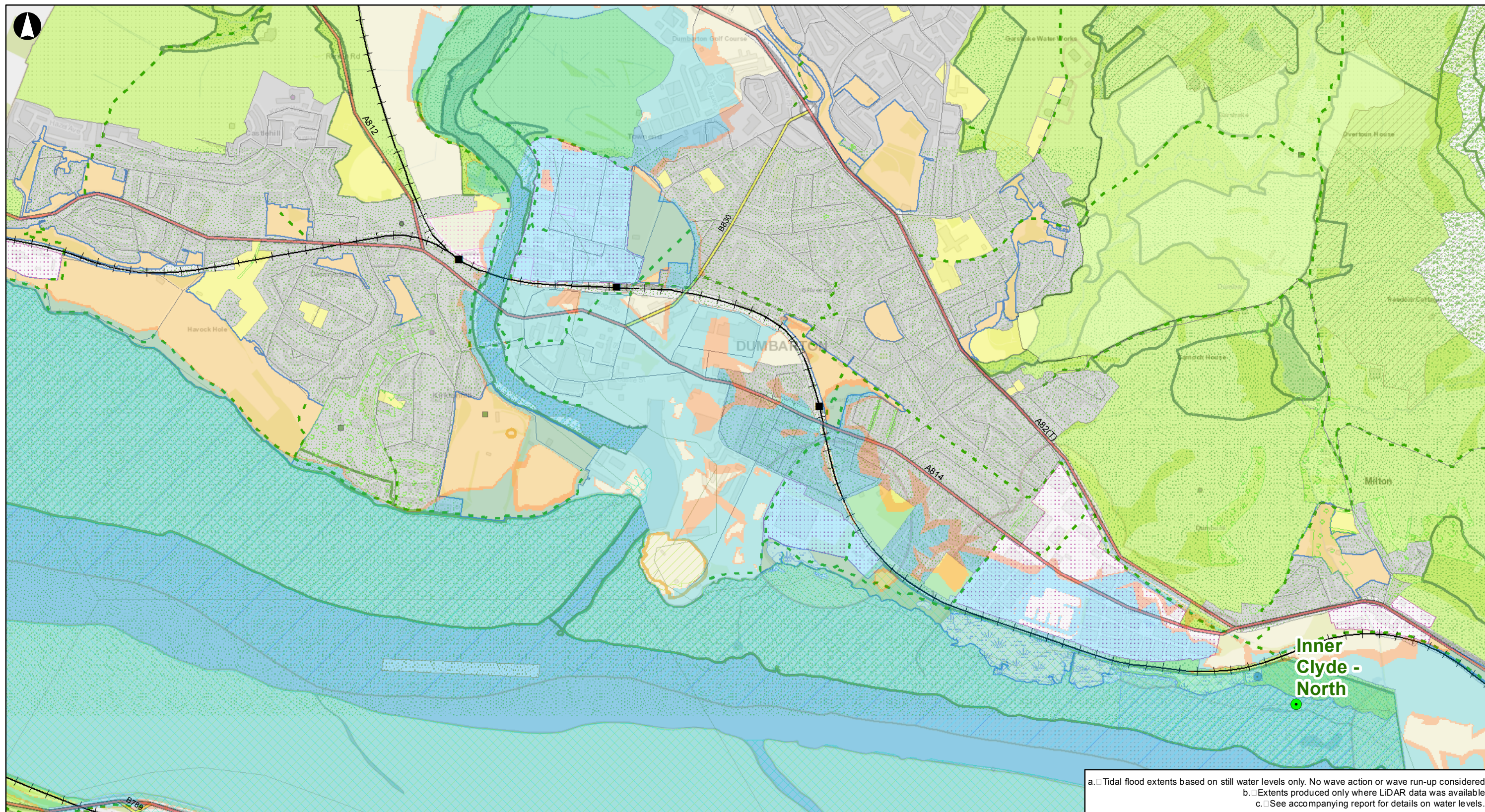
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Drawing No

031

Issue

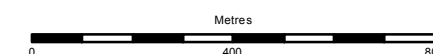
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Client

Scottish Natural Heritage
Firth of Clyde Forum

Job Title

Impact of sea level rise and storm surge

Case study area
Inner Clyde - North
Estimated 1 in 200 year tidal
flood extents
Plan 3 of 3

Scale at A3

1:15,000

Job No

232094-00

Drawing Status

Final

Drawing No

032

Issue

P0

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Scottish Natural Heritage
Dualchas Nàdair na h-Alba

All of nature for all of Scotland
Nàdar air fad airson Alba air fad